

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071620\
 Data File : VW015861.D
 Acq On : 16 Jul 2020 14:43
 Operator : SY/VA
 Sample : VW0716SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

Quant Time: Jul 16 18:07:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	178095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124863	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.88	113	115621	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.32	98	447663	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.62	95	163288	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29817	22.574	ug/l	97
3) Chloromethane	2.21	50	37227	20.753	ug/l	96
4) Vinyl Chloride	2.37	62	59566	21.506	ug/l	98
5) Bromomethane	2.78	94	40524	19.122	ug/l	98
6) Chloroethane	2.92	64	38290	20.485	ug/l	98
7) Trichlorofluoromethane	3.26	101	44438	22.325	ug/l	98
8) Diethyl Ether	3.68	74	25707	20.727	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50842	21.820	ug/l	99
10) Methyl Iodide	4.27	142	72765	22.335	ug/l	99
11) Tert butyl alcohol	5.23	59	12404	88.059	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	49894	21.779	ug/l	97
13) Acrolein	3.90	56	14026	78.287	ug/l	95
14) Allyl chloride	4.67	41	79034	21.225	ug/l	97
15) Acrylonitrile	5.38	53	49570	102.225	ug/l	99
16) Acetone	4.14	43	45548	94.256	ug/l	100
17) Carbon Disulfide	4.37	76	144404	21.189	ug/l	99
18) Methyl Acetate	4.68	43	21750	19.778	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	70143	20.457	ug/l	98
20) Methylene Chloride	4.91	84	85214	32.756	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	55716	20.997	ug/l	97
22) Diisopropyl ether	6.31	45	158063	21.065	ug/l	95
23) Vinyl Acetate	6.26	43	448591	100.512	ug/l	99
24) 1,1-Dichloroethane	6.21	63	99573	20.959	ug/l	98
25) 2-Butanone	7.18	43	64464	98.277	ug/l	97
26) 2,2-Dichloropropane	7.17	77	64099	21.507	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	58257	20.447	ug/l	97
28) Bromochloromethane	7.51	49	42834	22.743	ug/l	98
29) Tetrahydrofuran	7.54	42	40039	100.589	ug/l	98
30) Chloroform	7.68	83	99375	20.463	ug/l	99
31) Cyclohexane	7.96	56	95257	21.305	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	84399	20.726	ug/l	100
36) 1,1-Dichloropropene	8.09	75	81315	20.648	ug/l	100
37) Ethyl Acetate	7.26	43	29468	19.258	ug/l	98
38) Carbon Tetrachloride	8.07	117	77607	20.366	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95856	20.628	ug/l	100
40) Benzene	8.32	78	224554	20.816	ug/l	100
41) Methacrylonitrile	7.48	41	18106	20.842	ug/l	95
42) 1,2-Dichloroethane	8.40	62	67527	20.113	ug/l	99
43) Isopropyl Acetate	8.43	43	57390	19.214	ug/l	98
44) Trichloroethene	9.09	130	58171	20.387	ug/l	92
45) 1,2-Dichloropropane	9.37	63	54399	20.516	ug/l	100
46) Dibromomethane	9.46	93	27501	20.145	ug/l	99
47) Bromodichloromethane	9.65	83	71311	20.196	ug/l	100
48) Methyl methacrylate	9.44	41	26939	19.680	ug/l	98
49) 1,4-Dioxane	9.48	88	6658	394.494	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	142803	97.977	ug/l	100
52) Toluene	10.39	92	142719	20.559	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	65763	19.411	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	79921	19.721	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38515	20.347	ug/l	95
56) Ethyl methacrylate	10.65	69	46152	19.832	ug/l	98
57) 1,3-Dichloropropane	10.93	76	68477	20.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	119720	105.284	ug/l	99
59) 2-Hexanone	10.97	43	95537	98.221	ug/l	99
60) Dibromochloromethane	11.13	129	42766	19.562	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36218	19.996	ug/l	97
64) Tetrachloroethene	10.87	164	47620	20.799	ug/l	95
65) Chlorobenzene	11.66	112	147472	20.844	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50752	20.271	ug/l	100
67) Ethyl Benzene	11.73	91	270634	20.656	ug/l	99
68) m/p-Xylenes	11.84	106	207259	42.111	ug/l	99
69) o-Xylene	12.17	106	93308	20.769	ug/l	100
70) Styrene	12.18	104	160514	20.765	ug/l	99
71) Bromoform	12.35	173	22437	19.633	ug/l #	97
73) Isopropylbenzene	12.47	105	259520	20.684	ug/l	99
74) N-amyl acetate	12.27	43	53265	19.843	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	43666	20.946	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31096m	19.867	ug/l	
77) Bromobenzene	12.75	156	58221	20.695	ug/l	99
78) n-propylbenzene	12.80	91	326619	21.447	ug/l	99
79) 2-Chlorotoluene	12.90	91	184806	21.280	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	226014	21.136	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12244	20.137	ug/l	95
82) 4-Chlorotoluene	12.99	91	193596	21.347	ug/l	99
83) tert-Butylbenzene	13.21	119	188060	21.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	226715	21.230	ug/l	100
85) sec-Butylbenzene	13.38	105	273685	21.346	ug/l	100
86) p-Isopropyltoluene	13.50	119	249695	21.327	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	117369	20.812	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	118716	21.504	ug/l	99
89) n-Butylbenzene	13.82	91	242631	21.656	ug/l	99
90) Hexachloroethane	14.10	117	43032	20.278	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	102139	20.905	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6841	20.538	ug/l	98

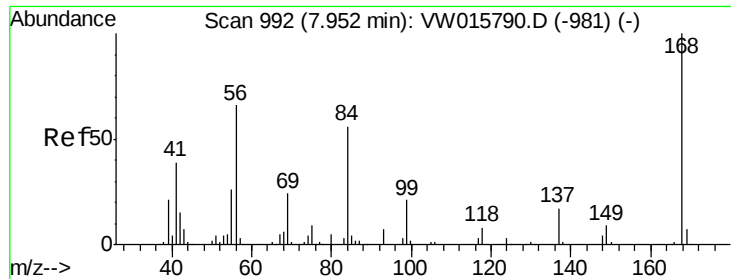
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071620\
Data File : VW015861.D
Acq On : 16 Jul 2020 14:43
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Sample : VW0716SBS01
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Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	68171	22.132	ug/l	99
94) Hexachlorobutadiene	15.24	225	41303	21.119	ug/l	97
95) Naphthalene	15.37	128	109796	20.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	58095	22.165	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

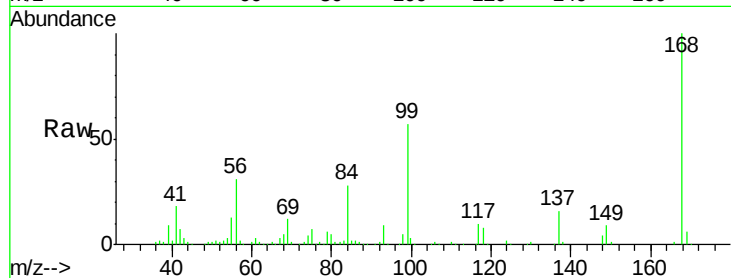
VW0716SBS01

Tot Ion:168 Resp: 250803

Ion Ratio Lower Upper

168 100

99 57.3 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

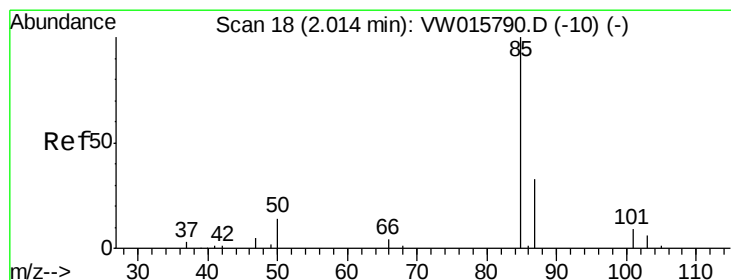
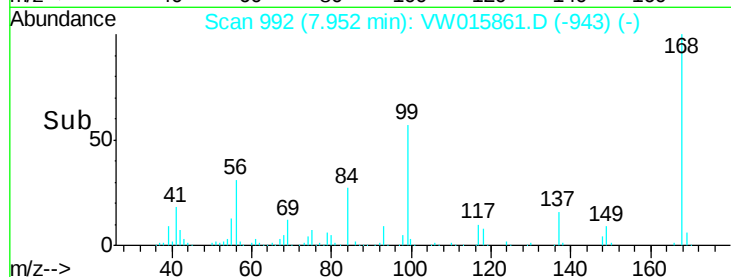
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 22.574 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW015861.D

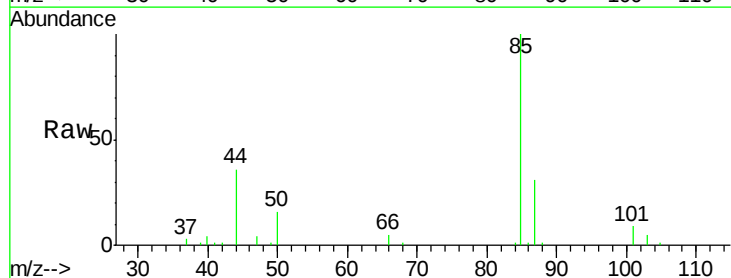
Acq: 16 Jul 2020 14:43

Tgt Ion: 85 Resp: 29817

Ion Ratio Lower Upper

85 100

87 30.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

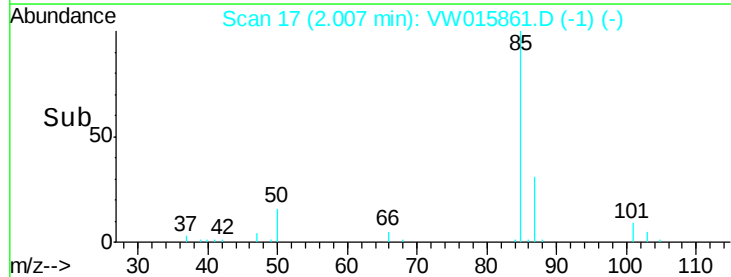
6000

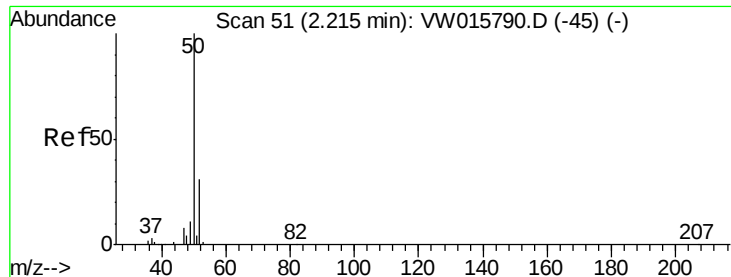
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.753 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

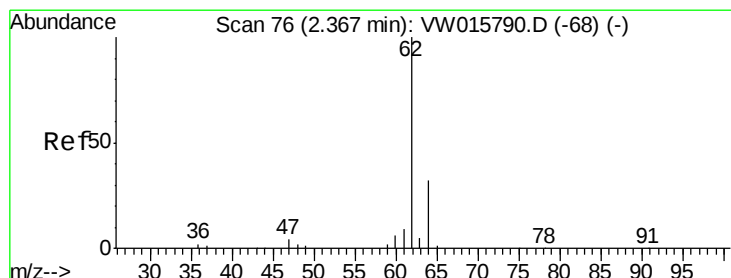
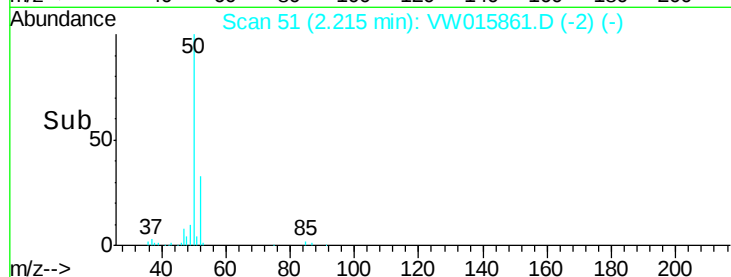
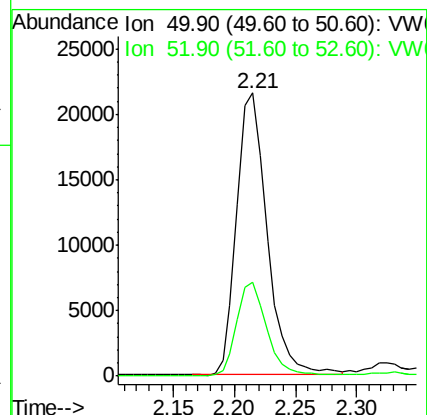
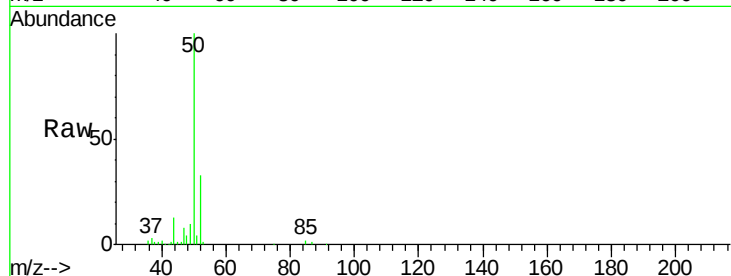
VW0716SBS01

Tot Ion: 50 Resp: 37227

Ion Ratio Lower Upper

50 100

52 33.6 25.2 37.8



#4

Vinyl Chloride

Concen: 21.506 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015861.D

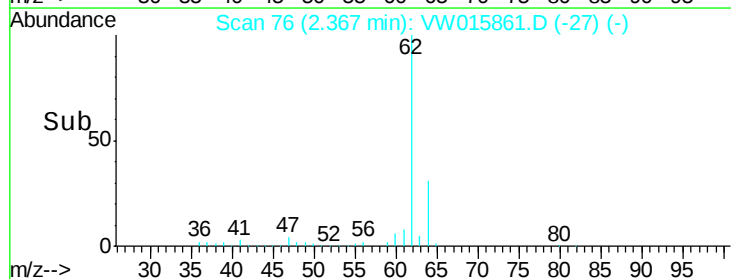
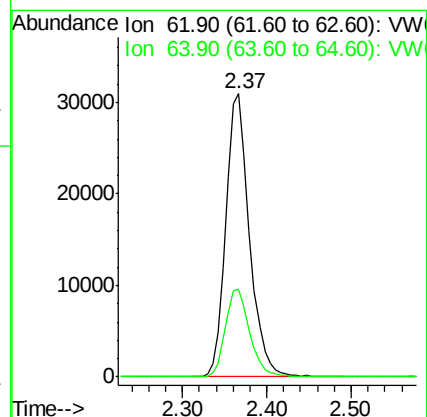
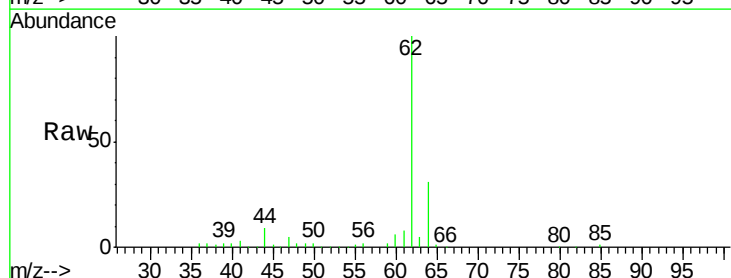
Acq: 16 Jul 2020 14:43

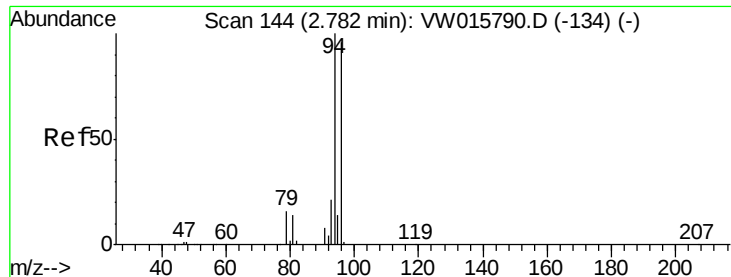
Tgt Ion: 62 Resp: 59566

Ion Ratio Lower Upper

62 100

64 31.1 25.8 38.8





#5

Bromomethane

Concen: 19.122 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

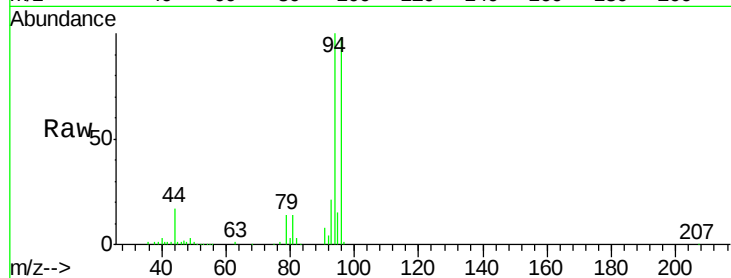
VW0716SBS01

Tot Ion: 94 Resp: 40524

Ion Ratio Lower Upper

94 100

96 97.8 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

20000

15000

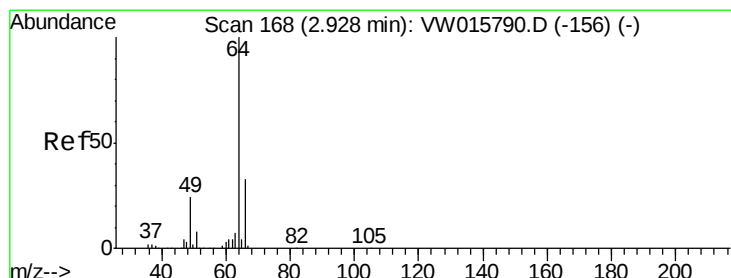
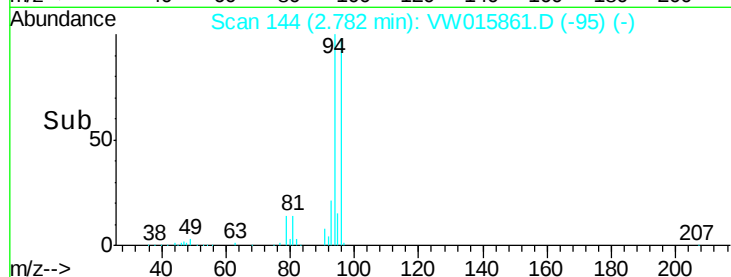
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 20.485 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW015861.D

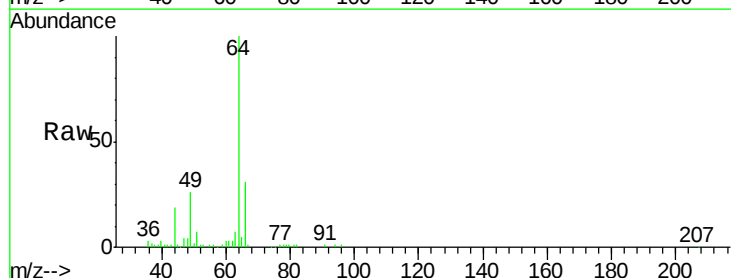
Acq: 16 Jul 2020 14:43

Tgt Ion: 64 Resp: 38290

Ion Ratio Lower Upper

64 100

66 31.3 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

15000

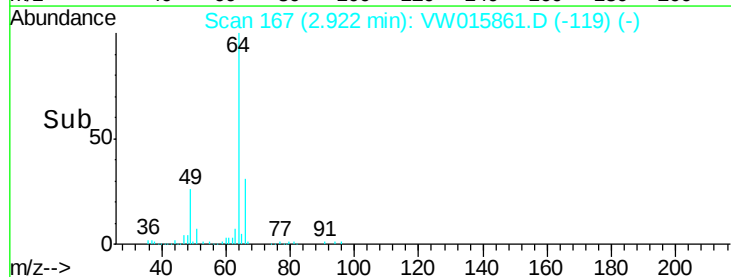
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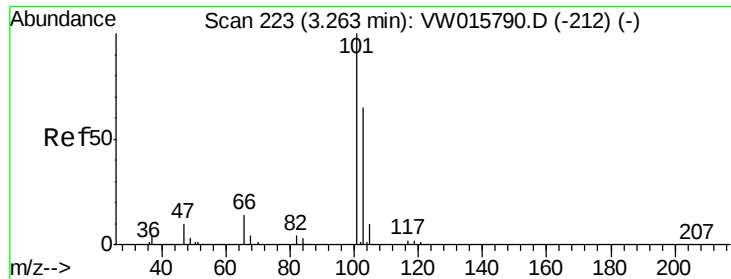
5000

0

Time-->

2.80 2.90 3.00



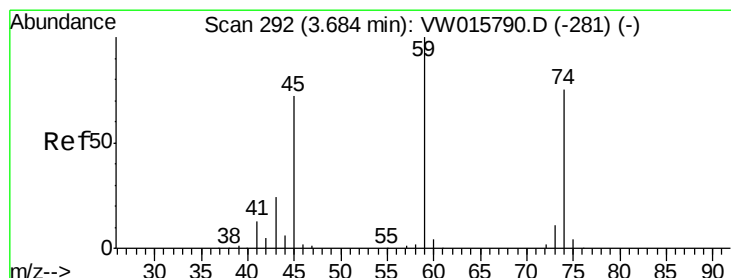
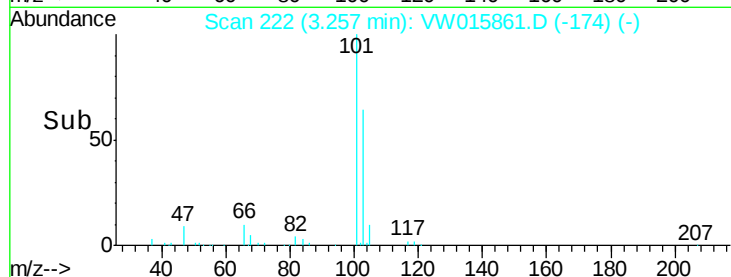
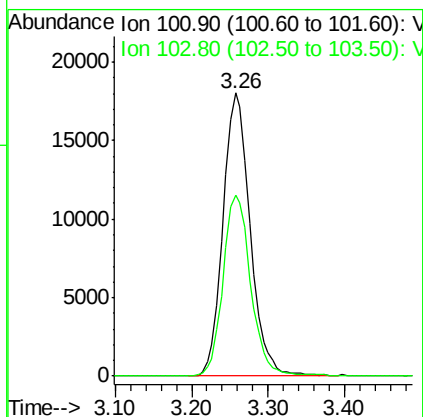
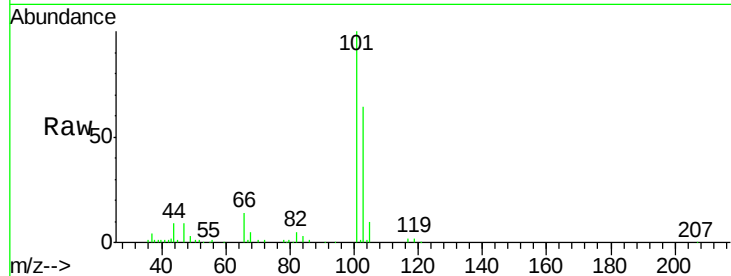


#7

Trichlorofluoromethane
Concen: 22.325 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Instrument :
MSVOA_W
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VW0716SBS01

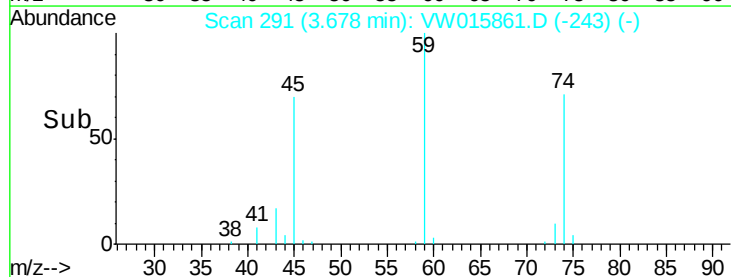
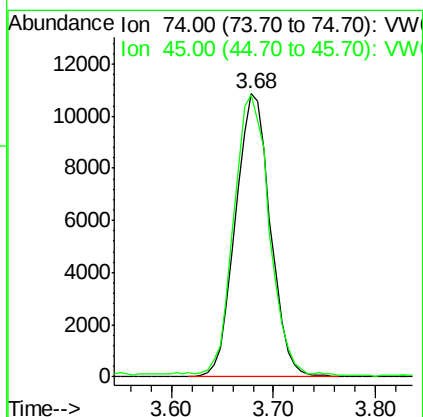
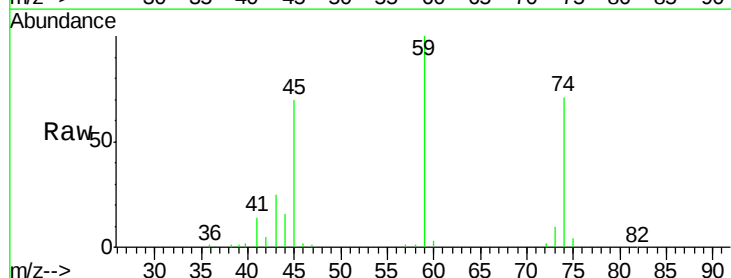
Tot Ion:101 Resp: 44438
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.4

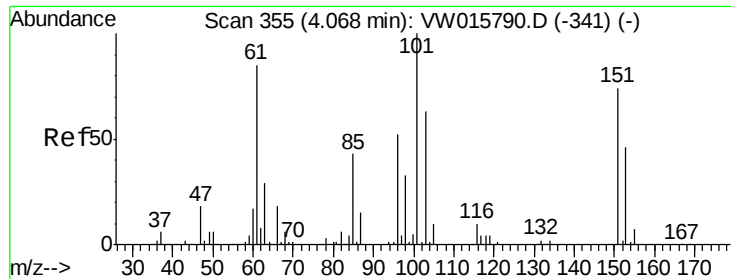


#8

Diethyl Ether
Concen: 20.727 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 74 Resp: 25707
Ion Ratio Lower Upper
74 100
45 99.1 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.820 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

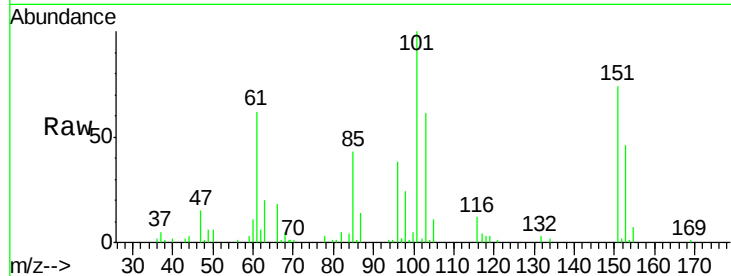
Tot Ion:101 Resp: 50842

Ion Ratio Lower Upper

101 100

85 44.6 36.1 54.1

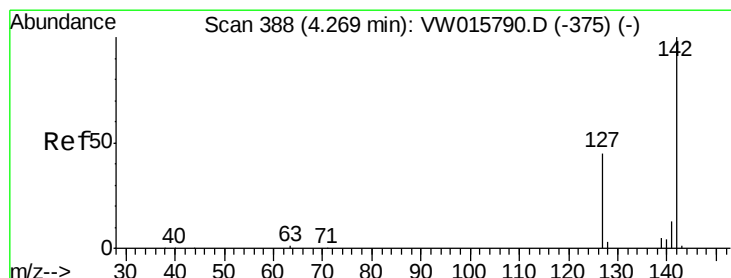
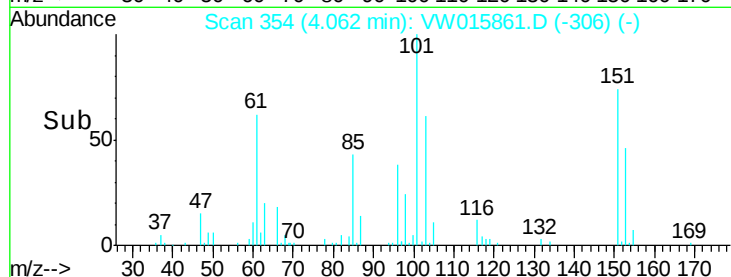
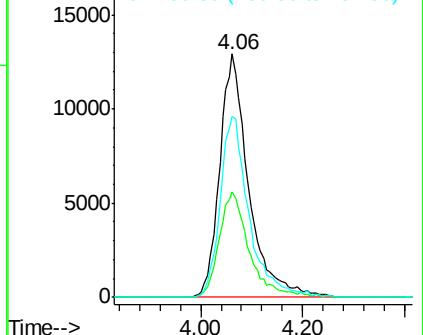
151 74.1 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.335 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

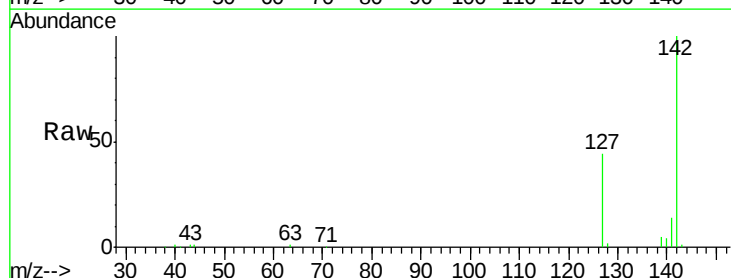
Tgt Ion:142 Resp: 72765

Ion Ratio Lower Upper

142 100

127 44.5 36.1 54.1

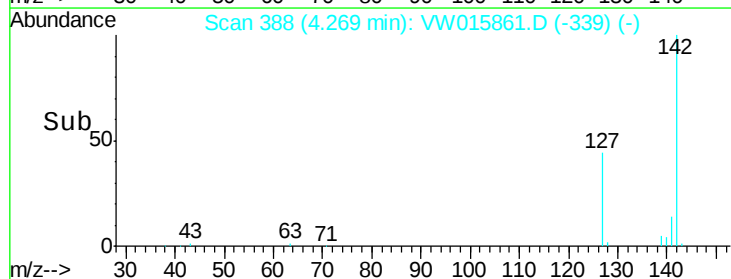
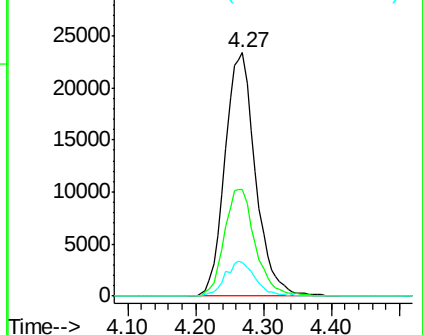
141 14.0 11.7 17.5

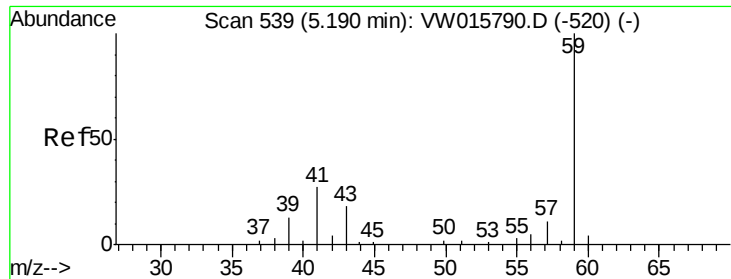


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



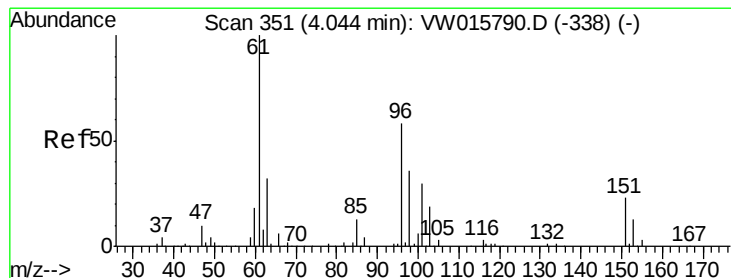
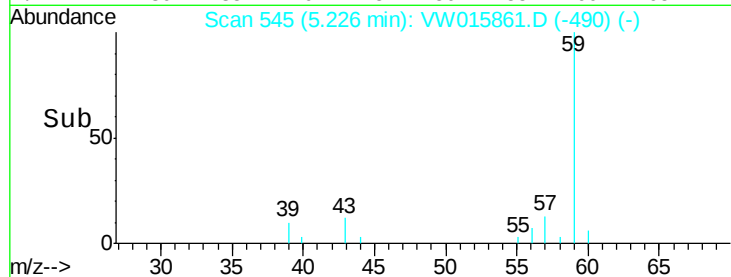
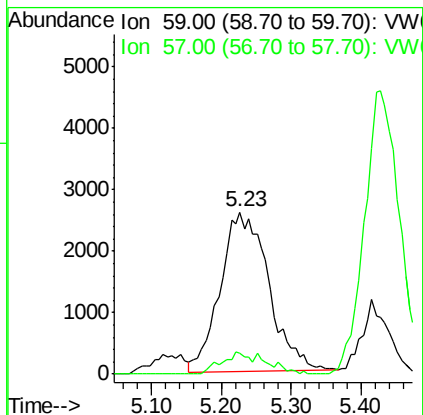
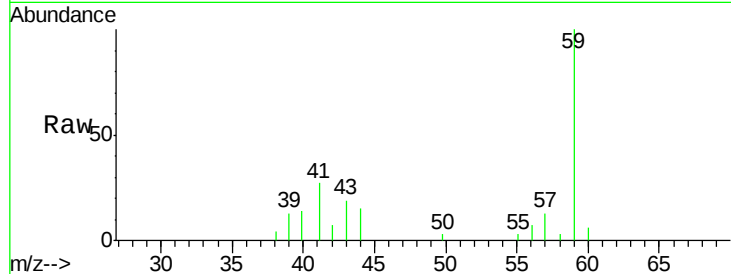


#11

Tert butyl alcohol
 Concen: 88.059 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. 0.04 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Instrument :
 MSVOA_W
 ClientSampled :
 VW0716SBS01

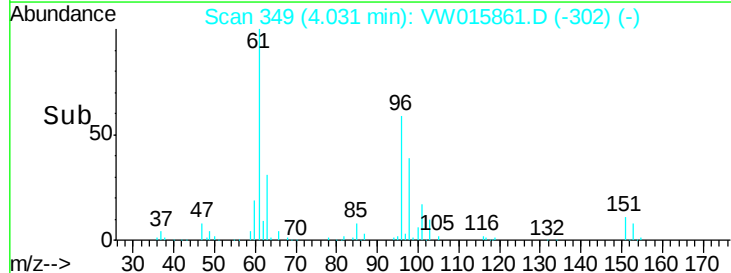
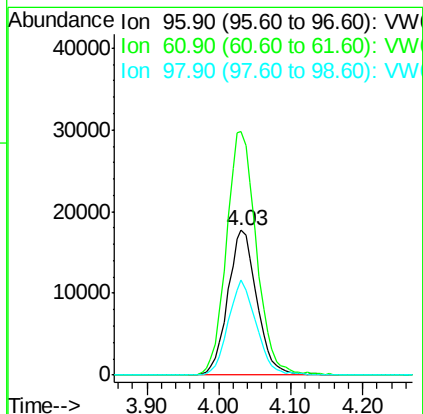
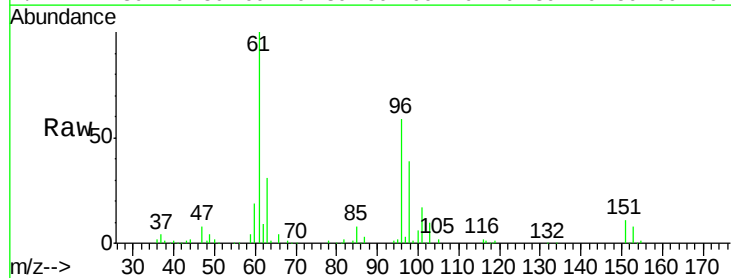
Tot Ion: 59 Resp: 12404
 Ion Ratio Lower Upper
 59 100
 57 7.9 8.7 13.1#

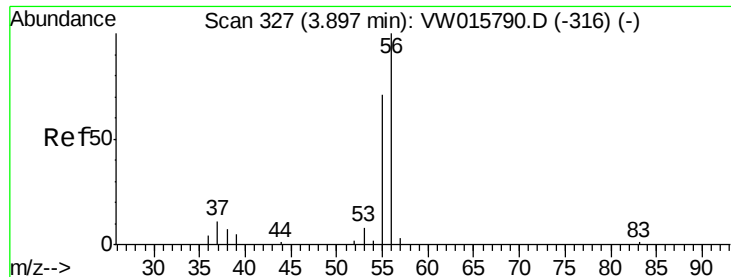


#12

1,1-Dichloroethene
 Concen: 21.779 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion: 96 Resp: 49894
 Ion Ratio Lower Upper
 96 100
 61 168.5 137.0 205.4
 98 66.2 49.3 73.9





#13

Acrolein

Concen: 78.287 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

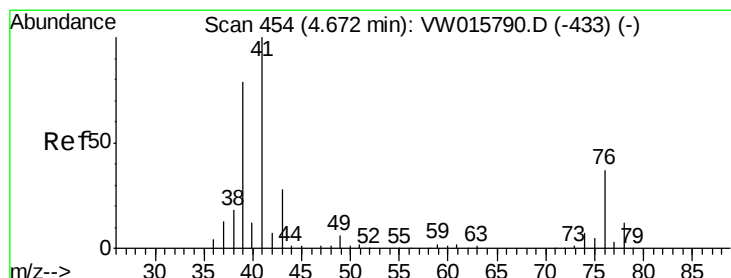
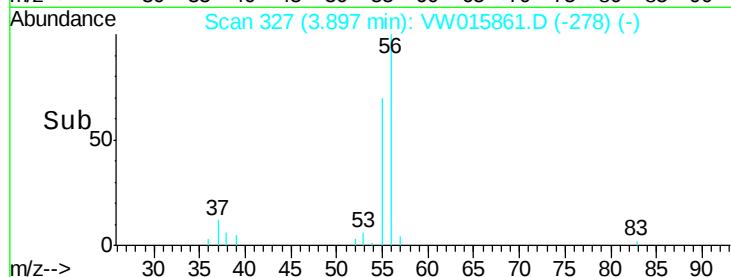
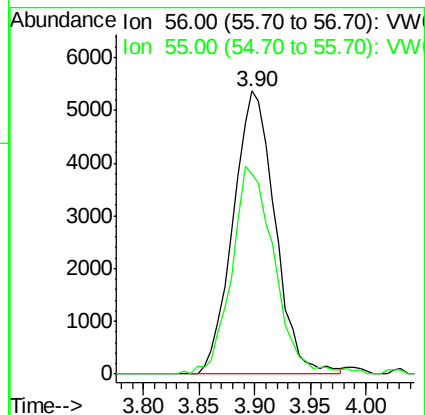
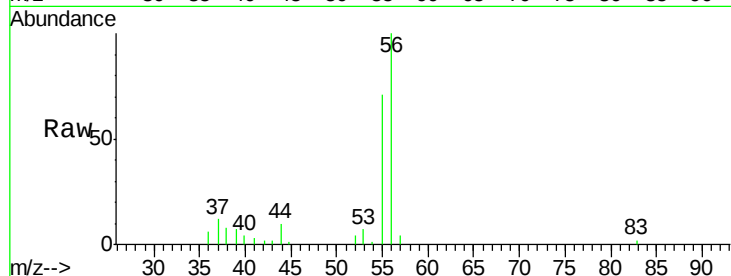
VW0716SBS01

Tot Ion: 56 Resp: 14026

Ion Ratio Lower Upper

56 100

55 74.0 55.8 83.6



#14

Allyl chloride

Concen: 21.225 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

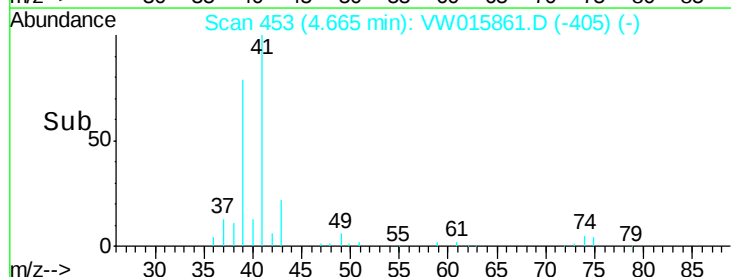
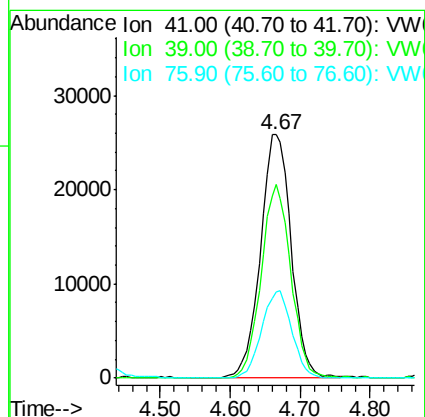
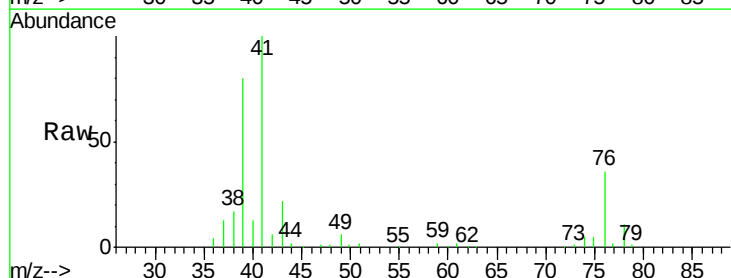
Tgt Ion: 41 Resp: 79034

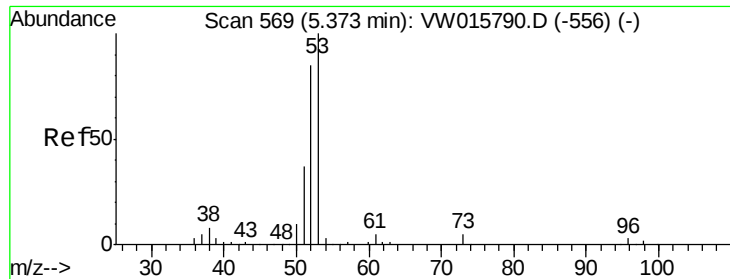
Ion Ratio Lower Upper

41 100

39 76.7 64.0 96.0

76 35.0 28.9 43.3





#15

Acrylonitrile

Concen: 102.225 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

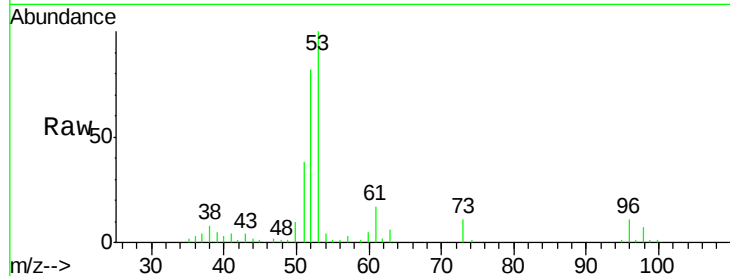
Tot Ion: 53 Resp: 49570

Ion Ratio Lower Upper

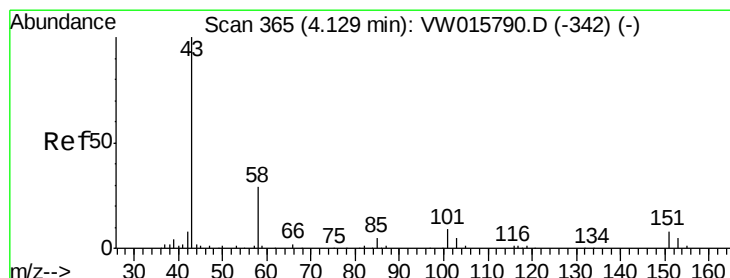
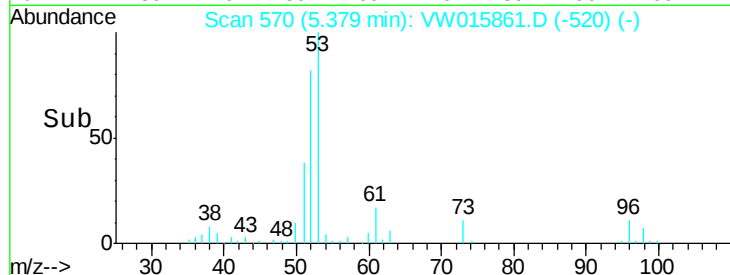
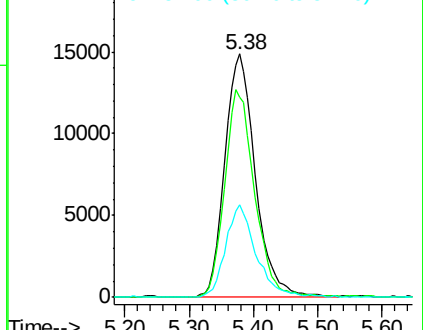
53 100

52 83.6 65.8 98.8

51 37.5 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 94.256 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015861.D

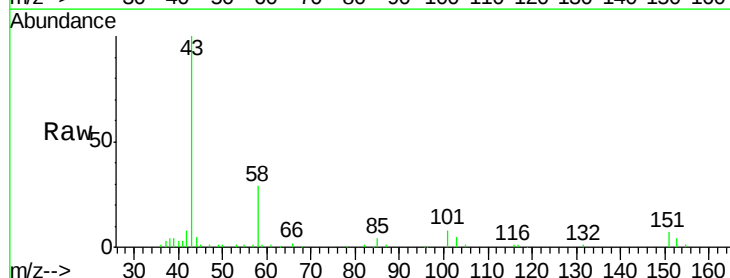
Acq: 16 Jul 2020 14:43

Tgt Ion: 43 Resp: 45548

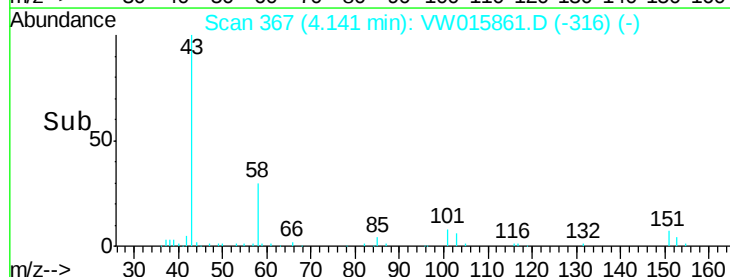
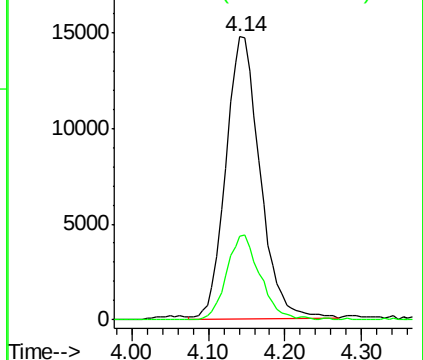
Ion Ratio Lower Upper

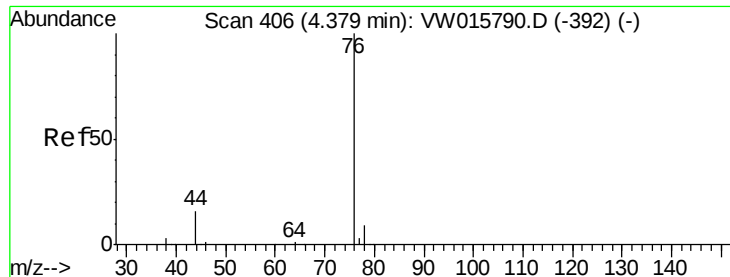
43 100

58 29.6 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

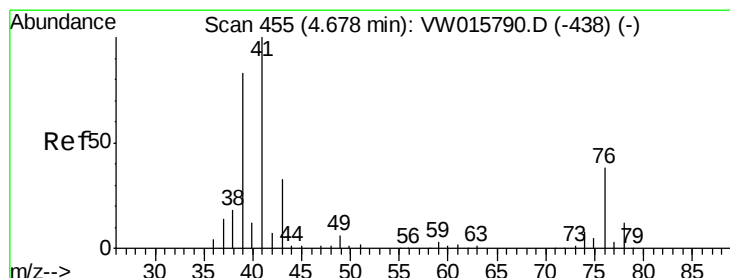
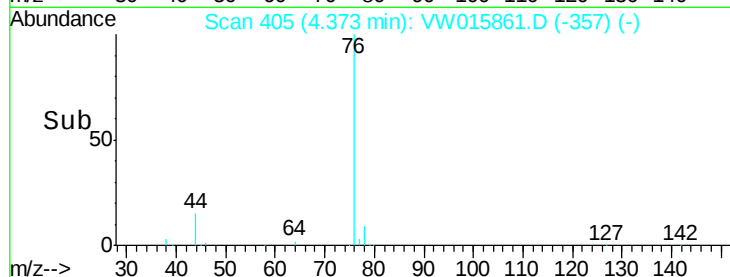
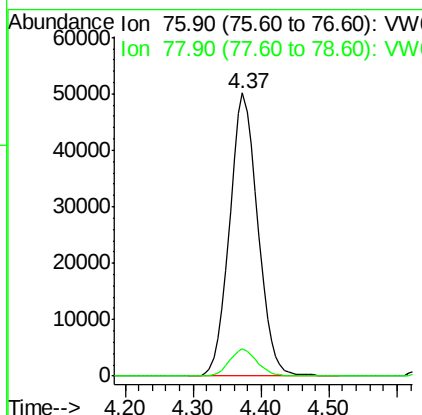
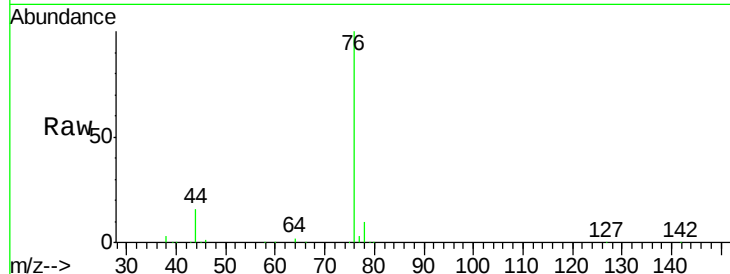




#17
Carbon Disulfide
Concen: 21.189 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

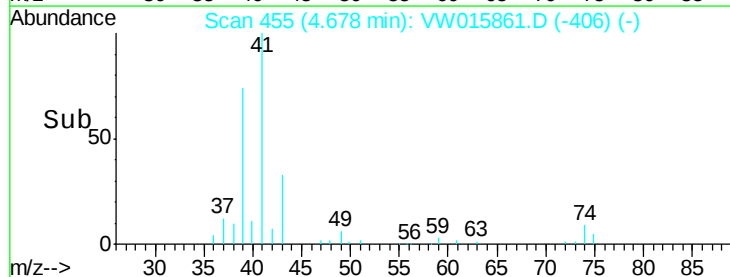
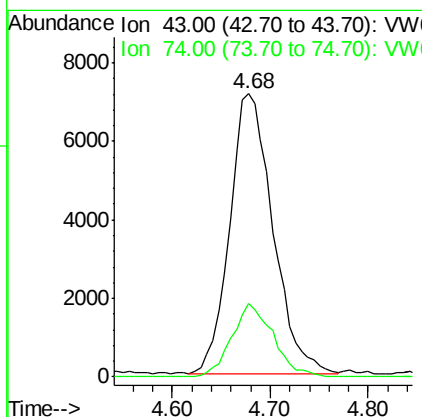
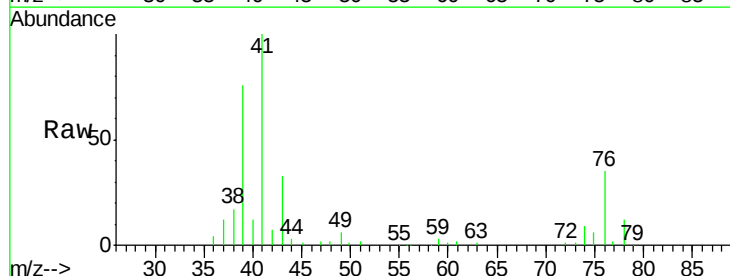
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

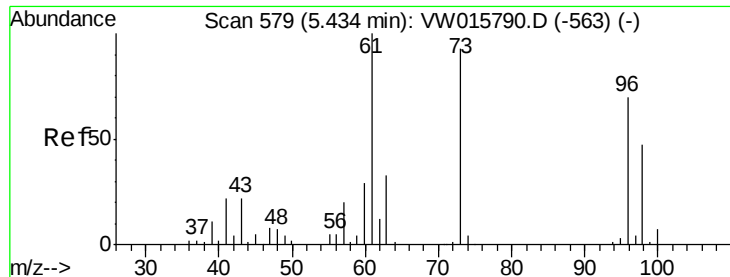
Tot Ion: 76 Resp: 144404
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 19.778 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 43 Resp: 21750
Ion Ratio Lower Upper
43 100
74 25.3 19.2 28.8

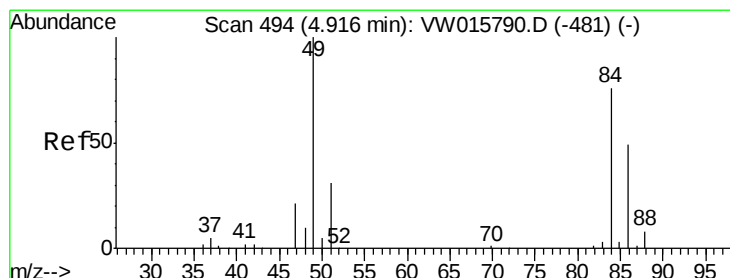
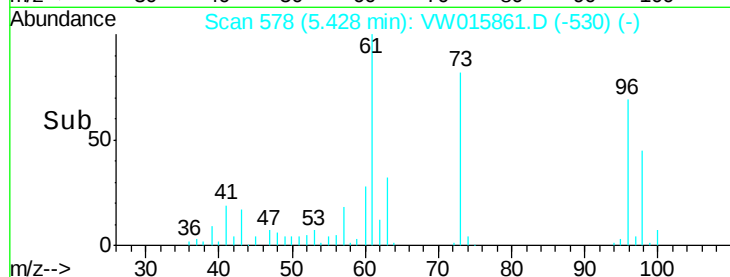
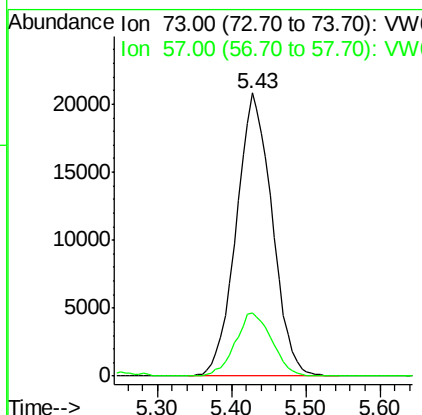
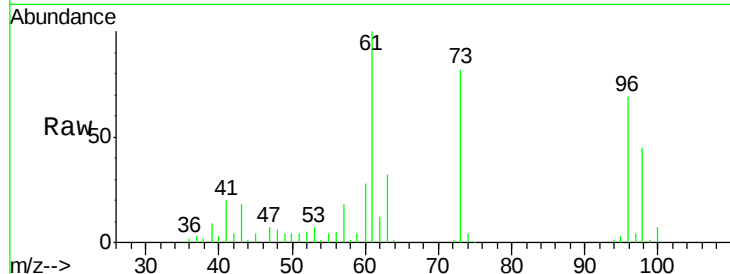




#19
Methvl tert-butvl Ether
Concen: 20.457 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

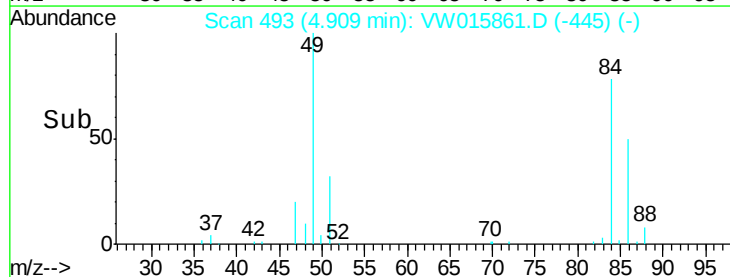
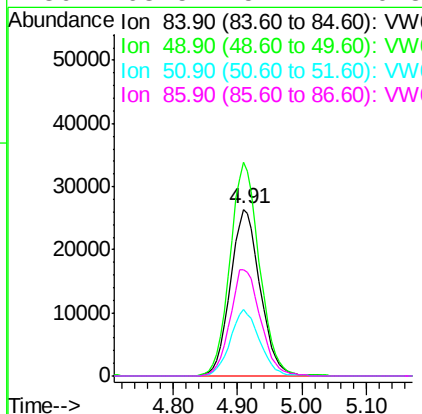
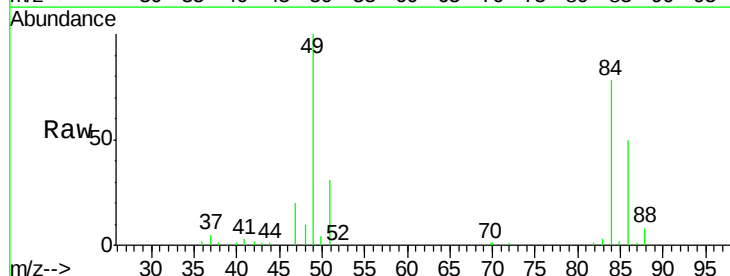
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

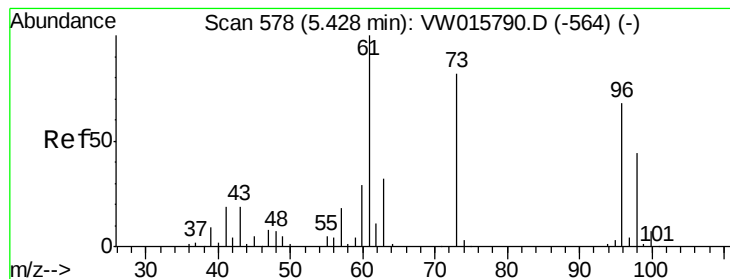
Tot Ion: 73 Resp: 70143
Ion Ratio Lower Upper
73 100
57 22.1 16.8 25.2



#20
Methylene Chloride
Concen: 32.756 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 84 Resp: 85214
Ion Ratio Lower Upper
84 100
49 127.9 105.0 157.6
51 40.2 32.3 48.5
86 63.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.997 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

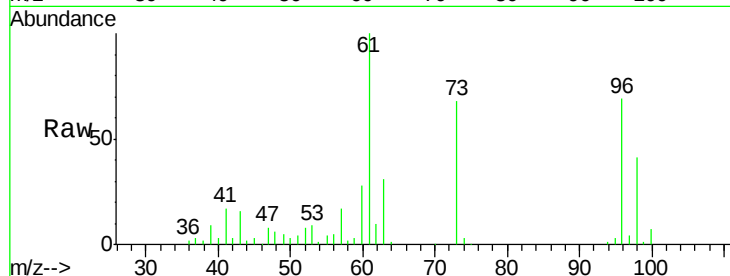
Tot Ion: 96 Resp: 55716

Ion Ratio Lower Upper

96 100

61 145.9 118.1 177.1

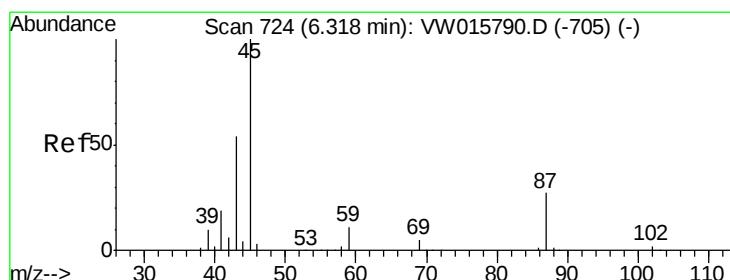
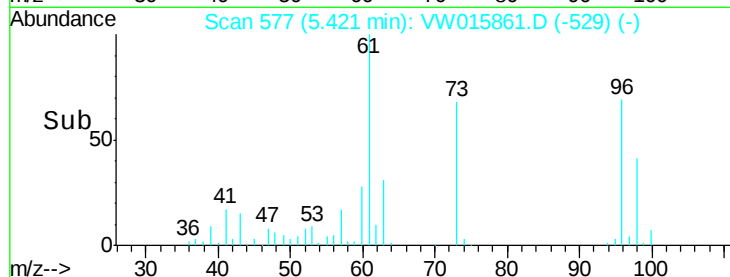
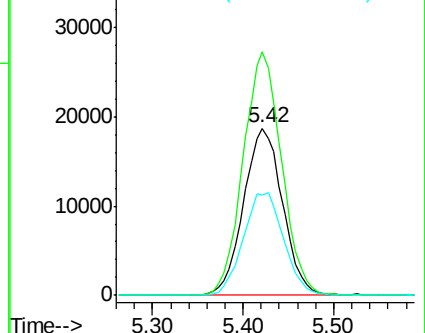
98 60.3 52.6 78.8



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 21.065 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Tgt Ion: 45 Resp: 158063

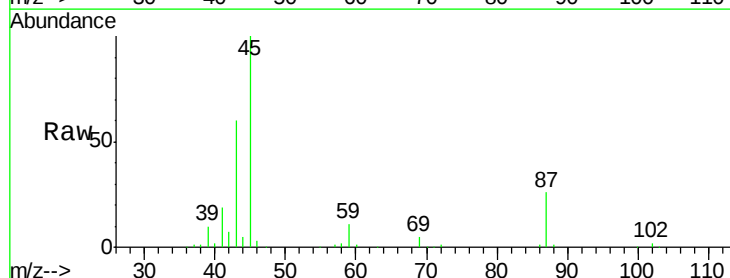
Ion Ratio Lower Upper

45 100

43 59.6 43.8 65.6

87 26.1 22.1 33.1

59 11.2 8.9 13.3

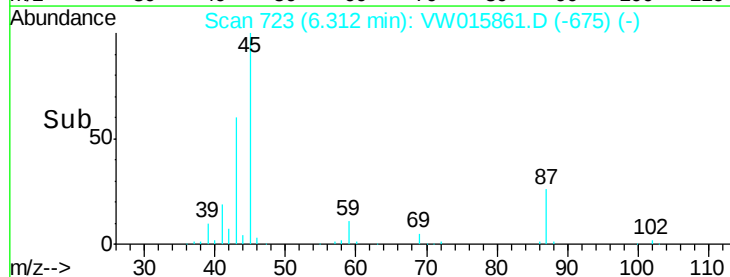
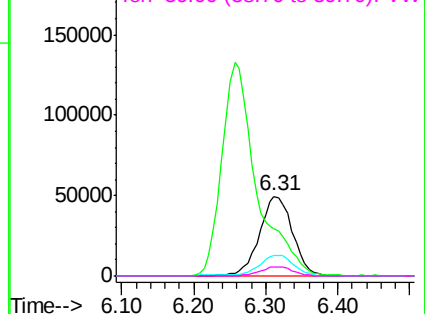


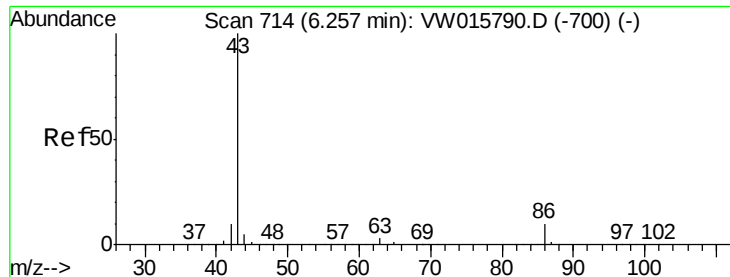
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 100.512 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

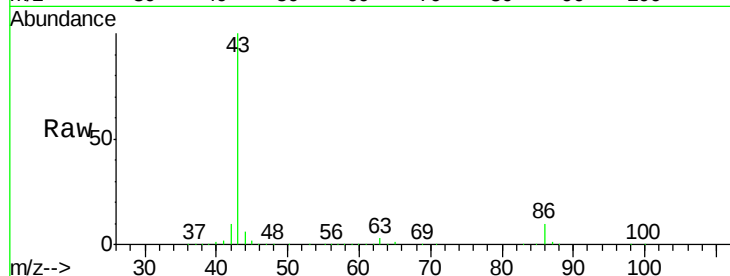
VW0716SBS01

Tot Ion: 43 Resp: 448591

Ion Ratio Lower Upper

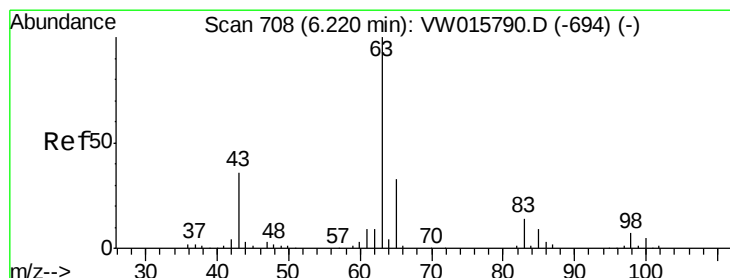
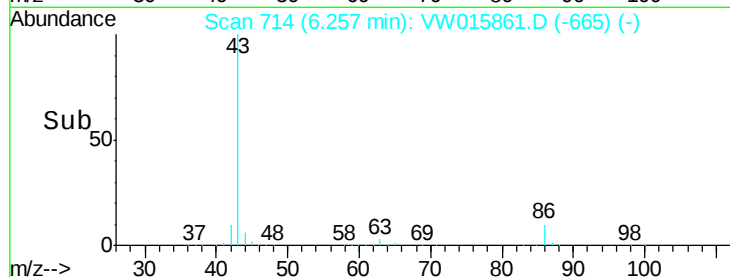
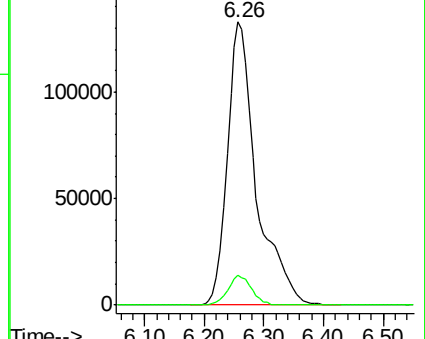
43 100

86 10.5 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.959 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

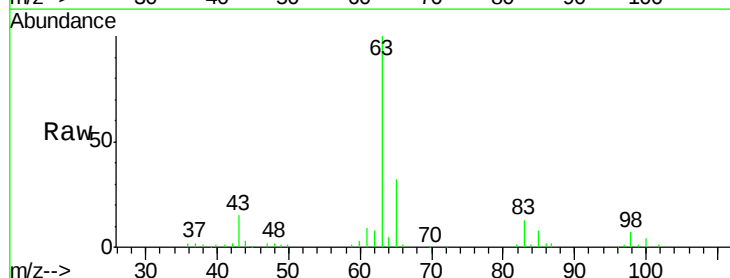
Tgt Ion: 63 Resp: 99573

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

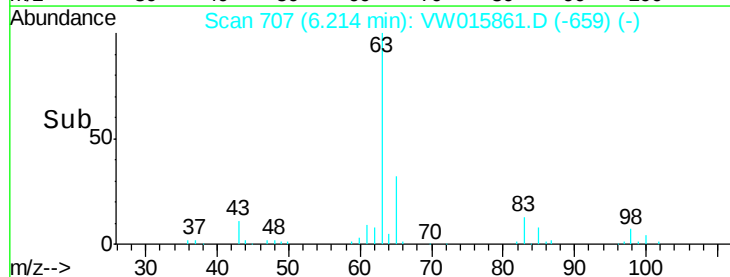
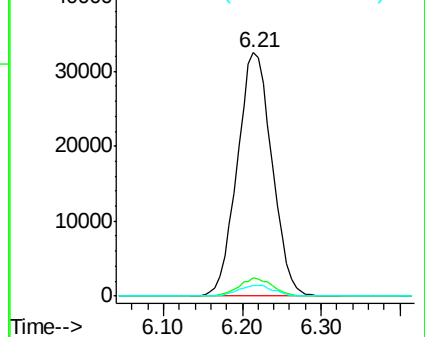
100 4.2 2.4 7.1

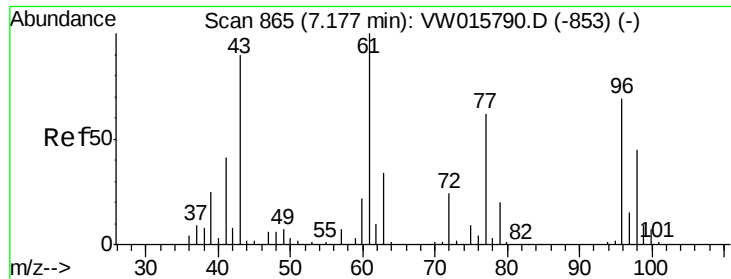


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 98.277 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampled :

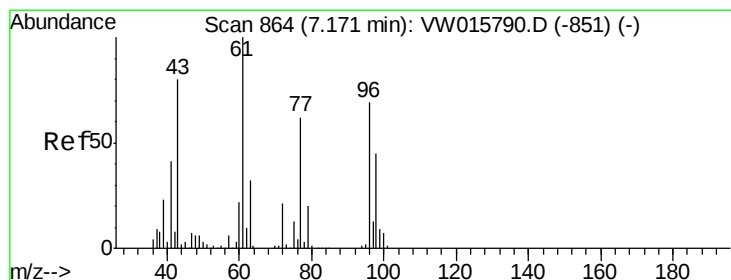
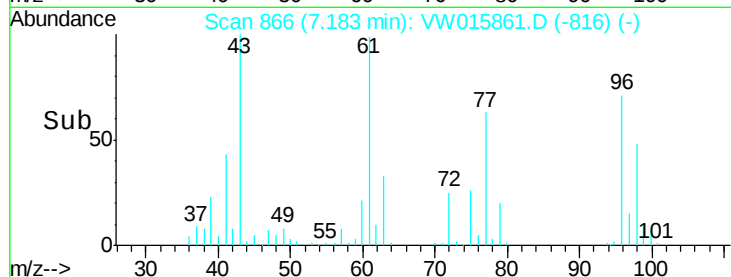
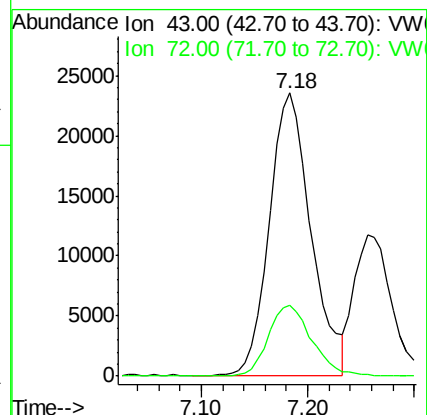
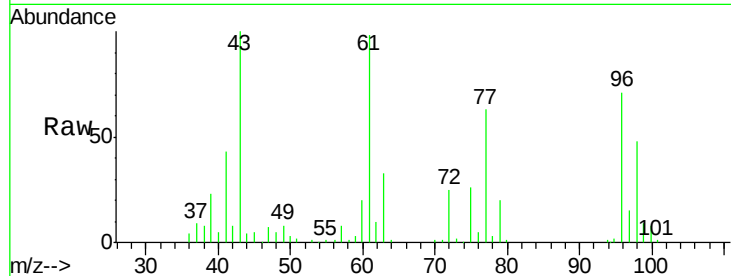
VW0716SBS01

Tot Ion: 43 Resp: 64464

Ion Ratio Lower Upper

43 100

72 25.2 21.3 31.9



#26

2,2-Dichloropropane

Concen: 21.507 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015861.D

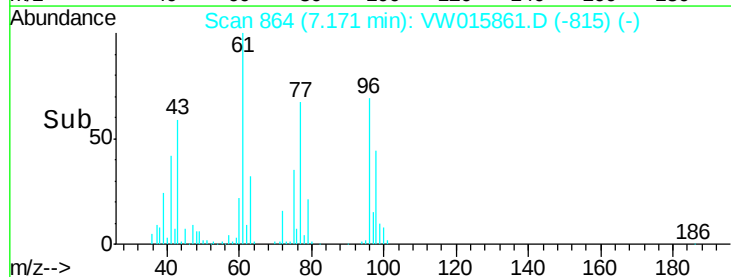
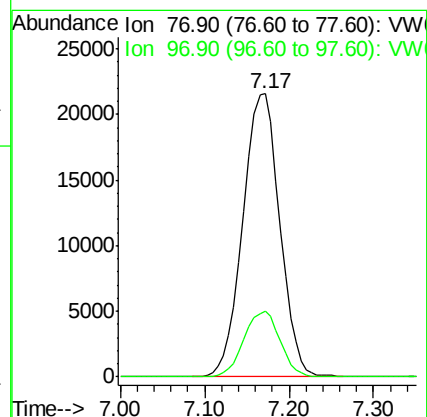
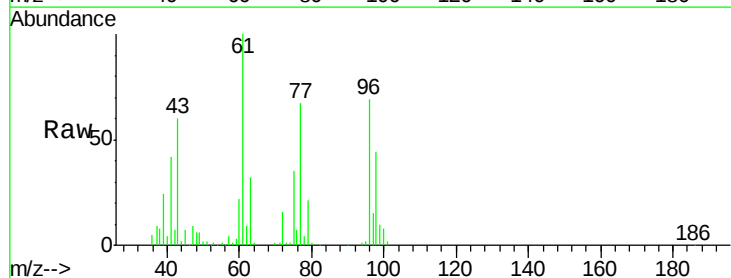
Acq: 16 Jul 2020 14:43

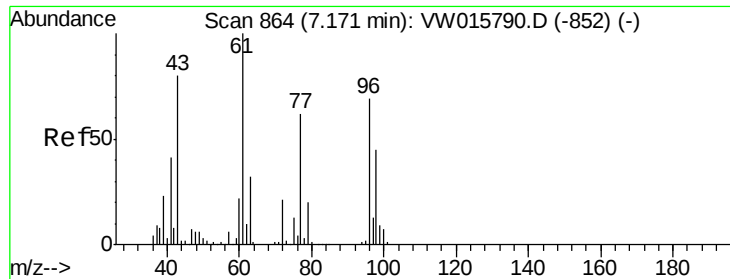
Tgt Ion: 77 Resp: 64099

Ion Ratio Lower Upper

77 100

97 22.6 11.0 33.0



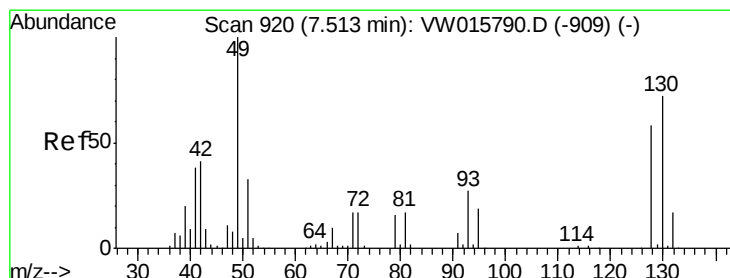
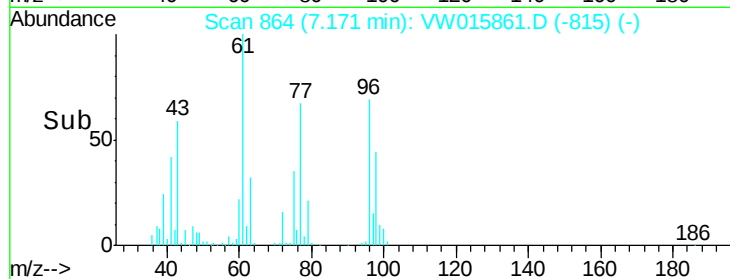
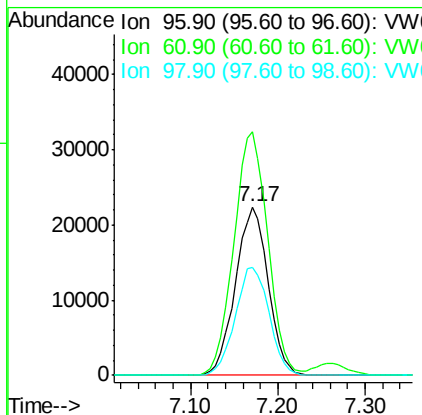
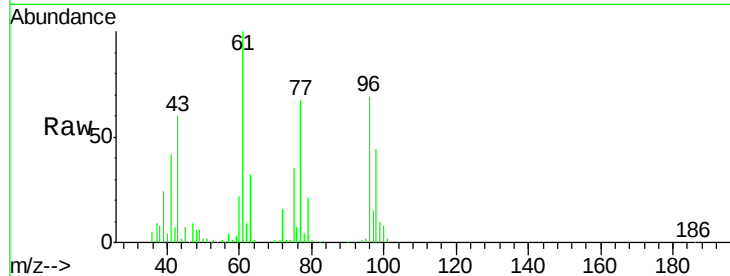


#27

cis-1,2-Dichloroethene
 Concen: 20.447 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

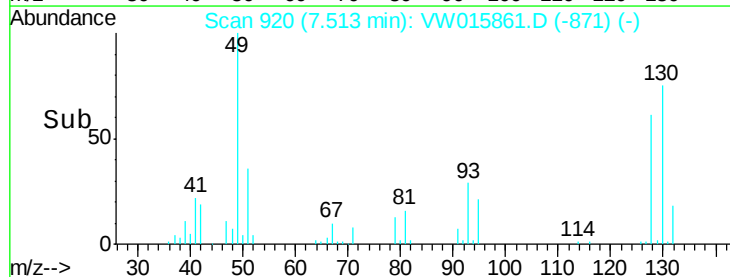
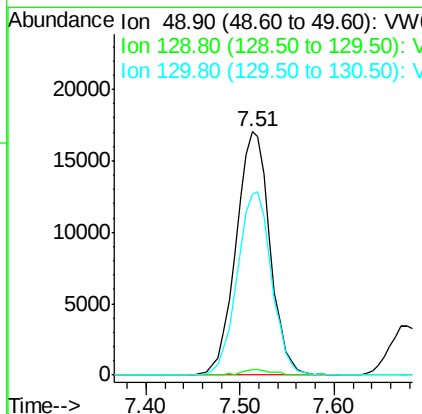
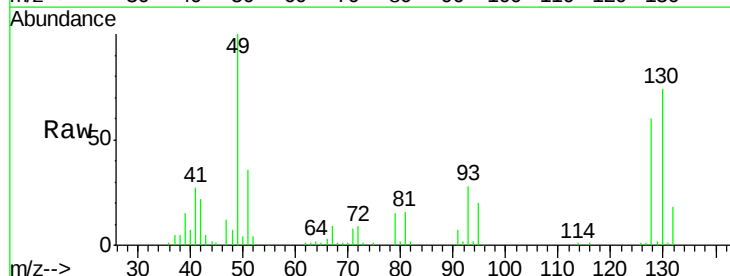
Tot Ion	96	Resp	58257
Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	292.2
98	66.3	0.0	129.0



#28

Bromochloromethane
 Concen: 22.743 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion	49	Resp	42834
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.6
130	76.1	59.5	89.3

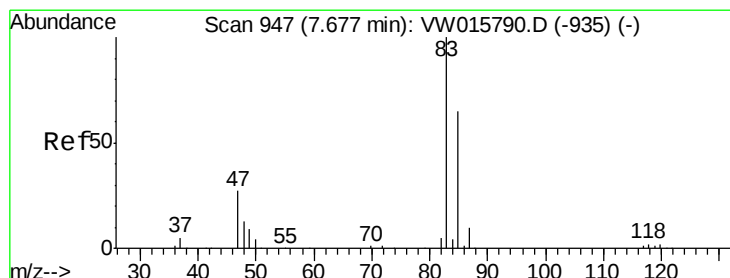
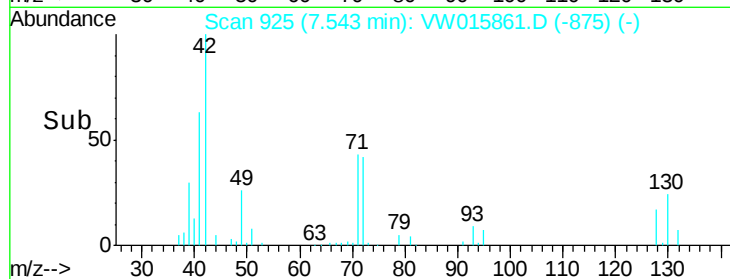
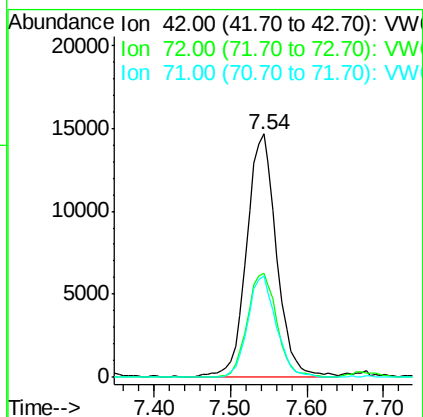
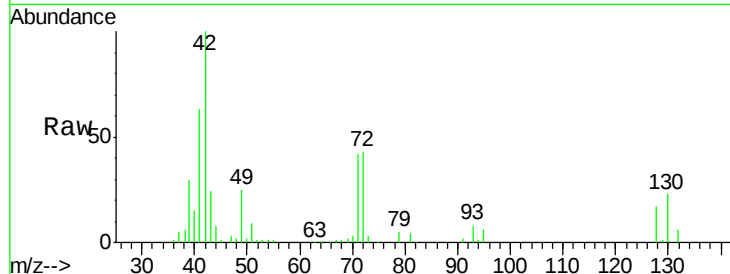




#29
Tetrahydrofuran
Concen: 100.589 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

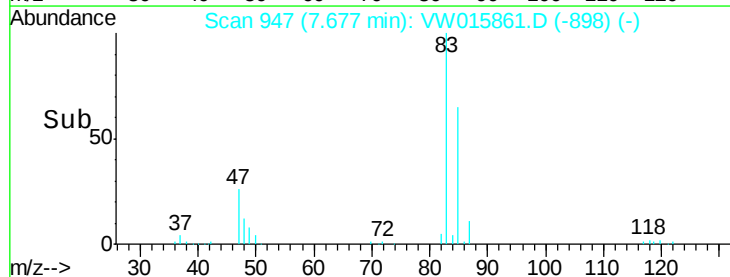
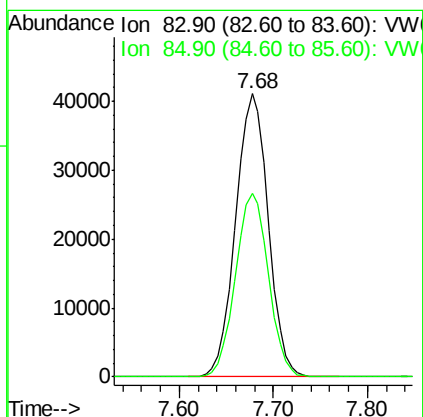
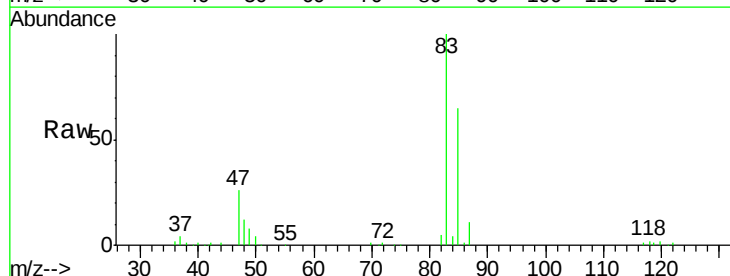
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

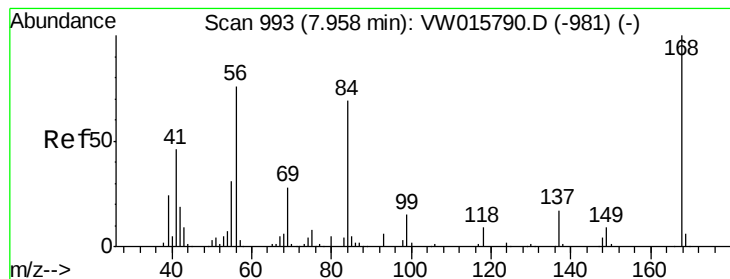
Tot Ion: 42 Resp: 40039
Ion Ratio Lower Upper
42 100
72 42.3 34.6 51.8
71 39.5 32.8 49.2



#30
Chloroform
Concen: 20.463 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 83 Resp: 99375
Ion Ratio Lower Upper
83 100
85 65.0 51.6 77.4





#31

Cyclohexane

Concen: 21.305 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

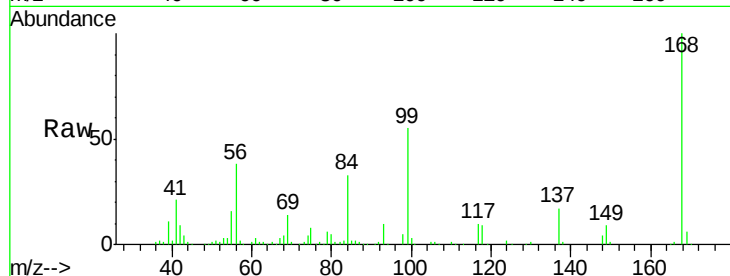
Tot Ion: 56 Resp: 95257

Ion Ratio Lower Upper

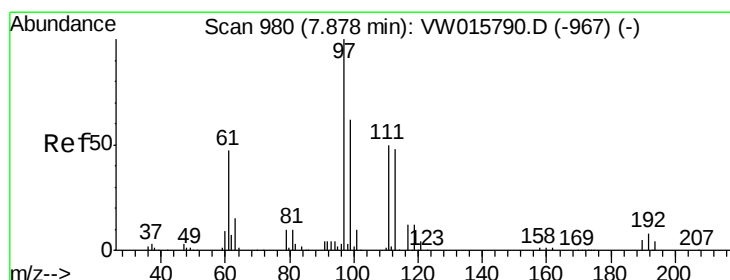
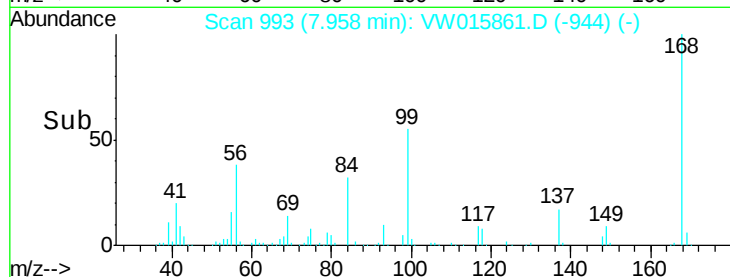
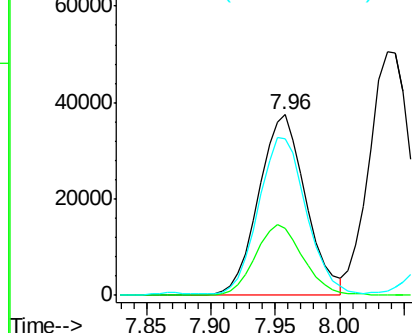
56 100

69 37.3 28.9 43.3

84 85.6 72.2 108.4



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 20.726 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

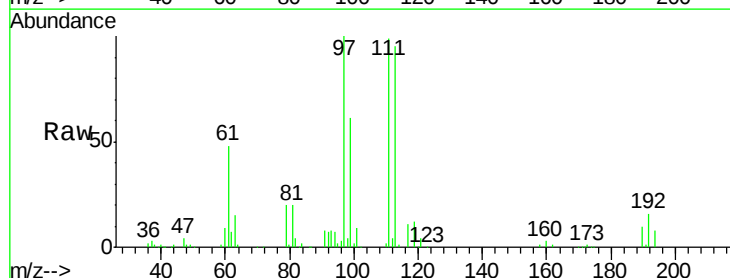
Tgt Ion: 97 Resp: 84399

Ion Ratio Lower Upper

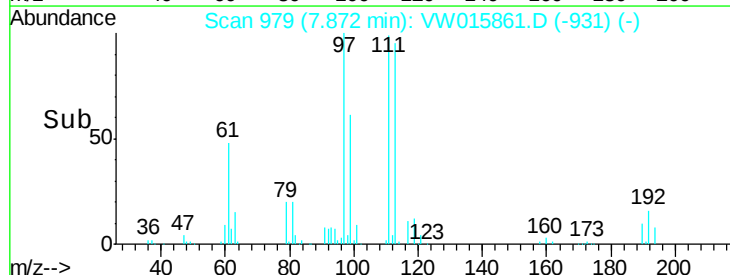
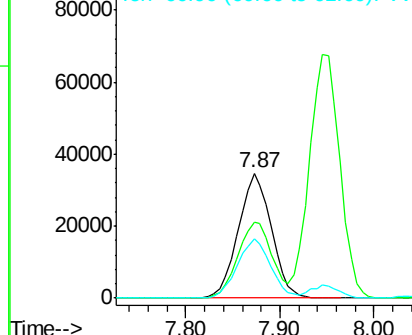
97 100

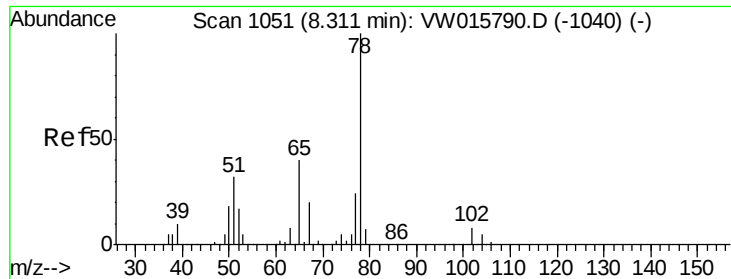
99 63.6 51.0 76.4

61 48.0 38.6 57.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 48.347 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

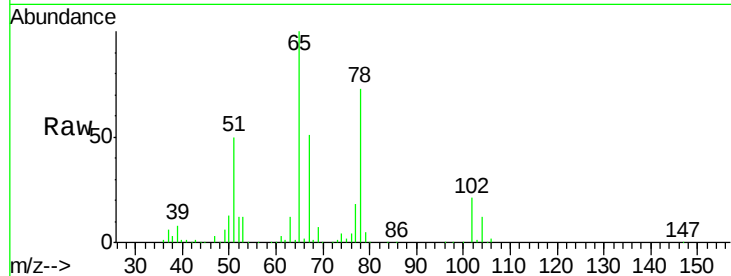
VW0716SBS01

Tot Ion: 65 Resp: 124863

Ion Ratio Lower Upper

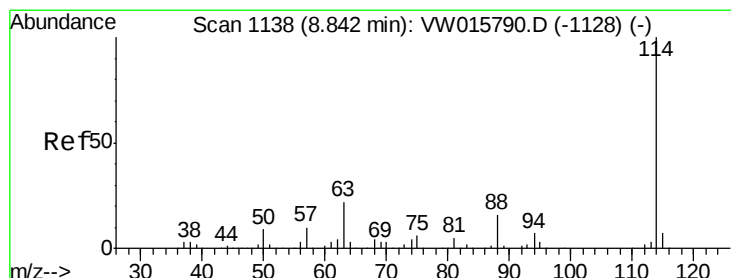
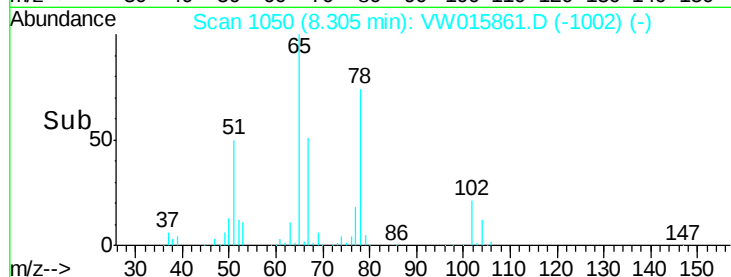
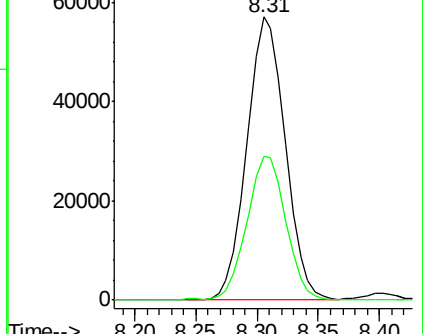
65 100

67 51.8 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

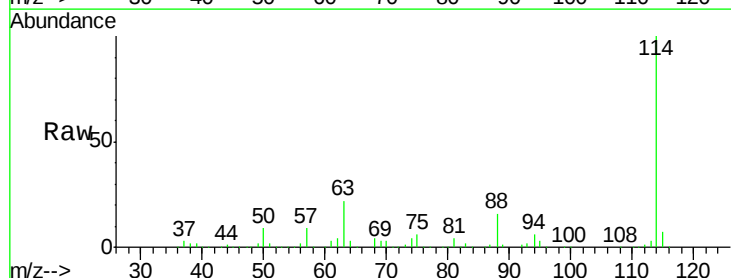
Tgt Ion: 114 Resp: 399498

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.4

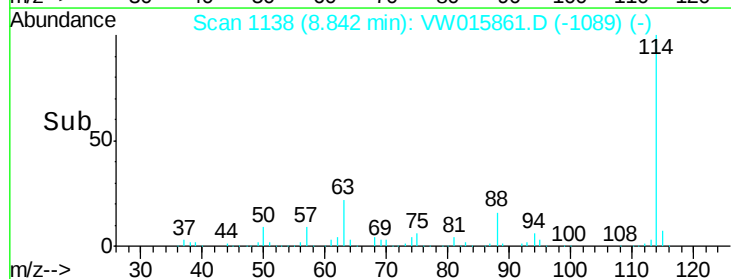
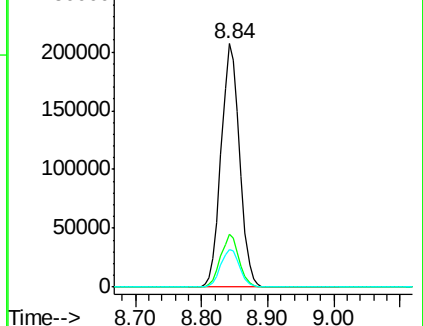
88 15.6 0.0 32.6

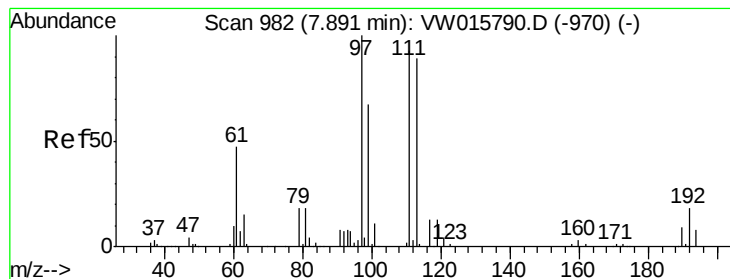


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 49.607 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

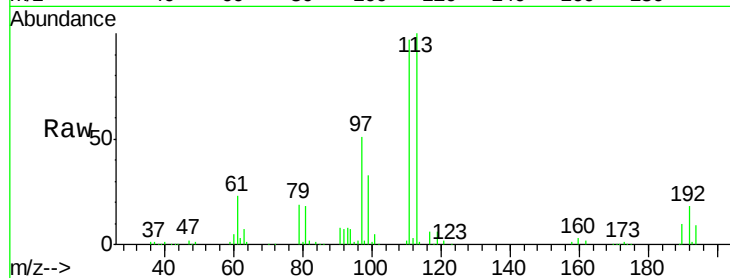
Tot Ion:113 Resp: 115621

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

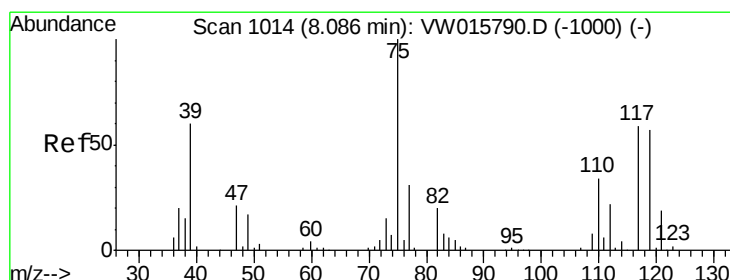
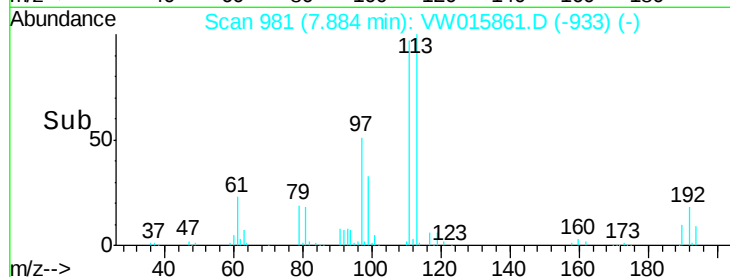
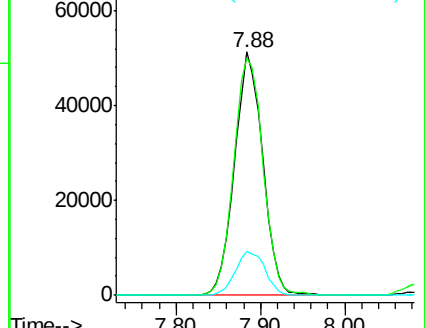
192 19.0 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.648 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

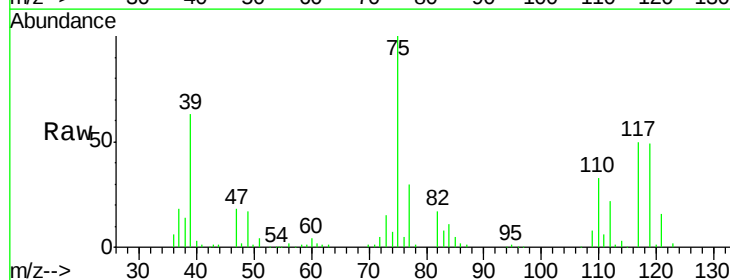
Tgt Ion: 75 Resp: 81315

Ion Ratio Lower Upper

75 100

110 33.3 16.8 50.3

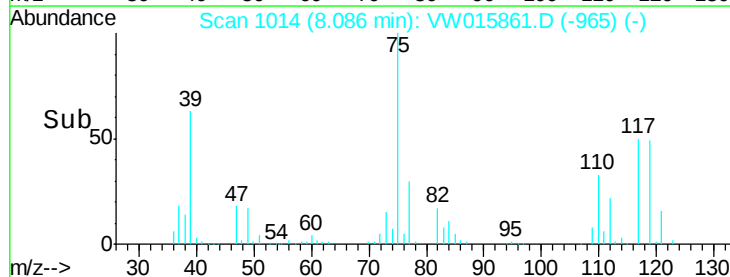
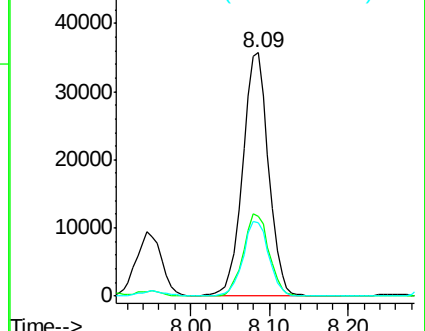
77 31.0 24.7 37.1

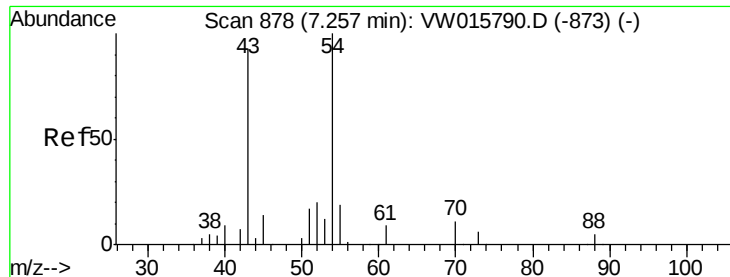


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

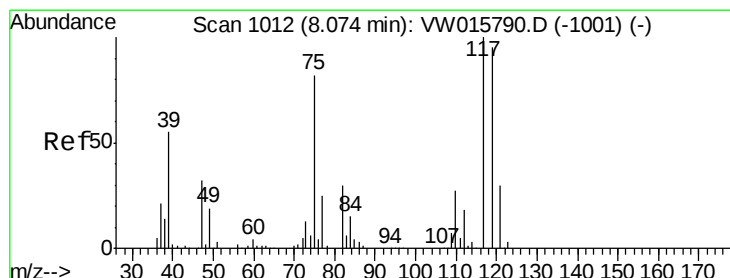
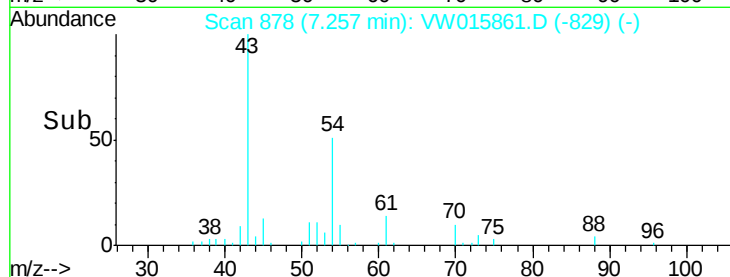
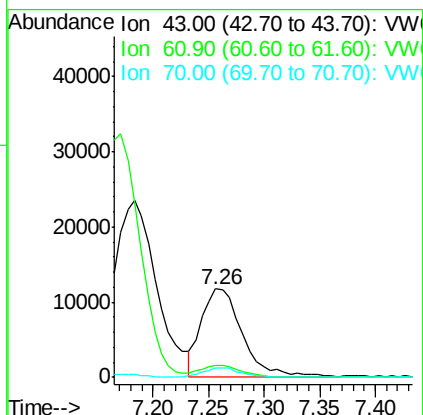
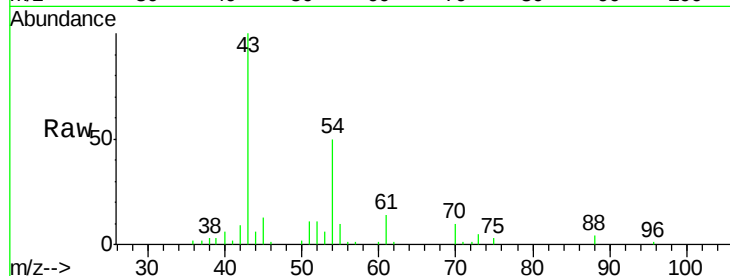




#37
Ethyl Acetate
Concen: 19.258 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

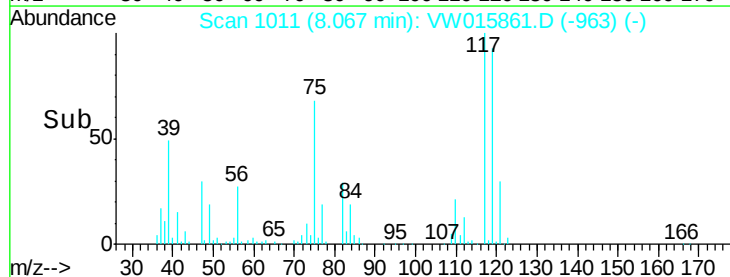
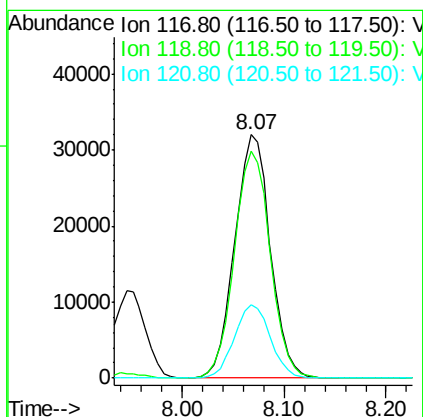
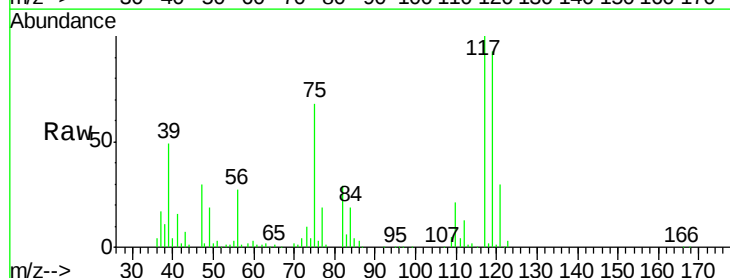
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

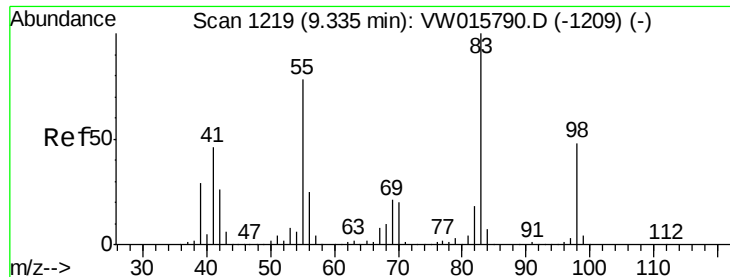
Tot Ion: 43 Resp: 29468
Ion Ratio Lower Upper
43 100
61 14.1 10.4 15.6
70 10.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.366 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 117 Resp: 77607
Ion Ratio Lower Upper
117 100
119 93.3 76.3 114.5
121 30.0 24.0 36.0

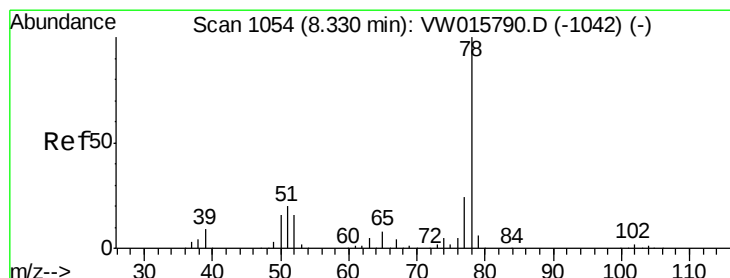
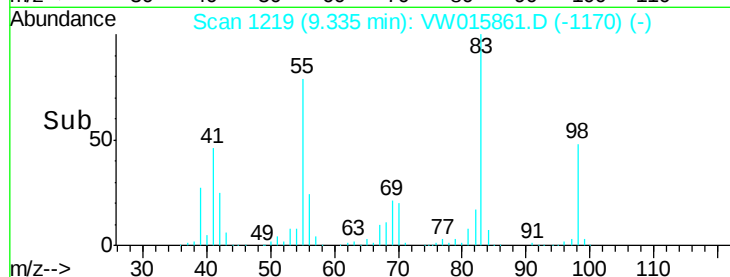
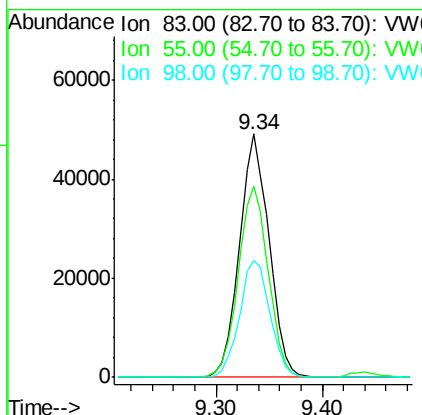
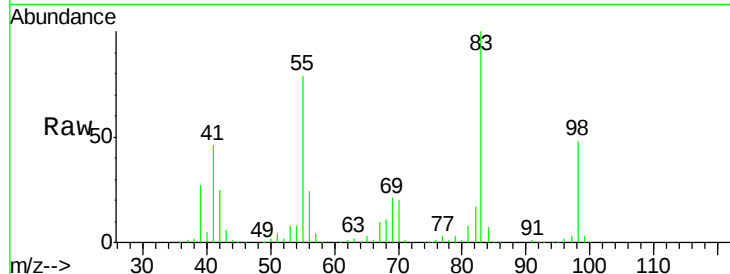




#39
Methvlcvclohexane
Concen: 20.628 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

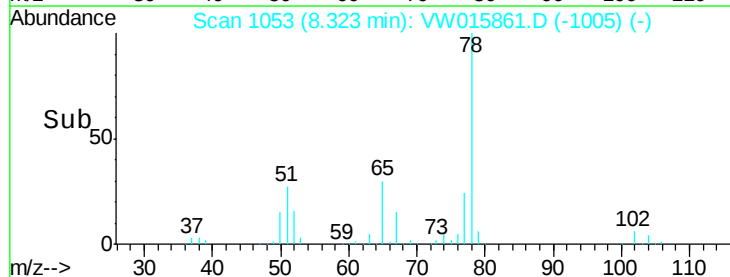
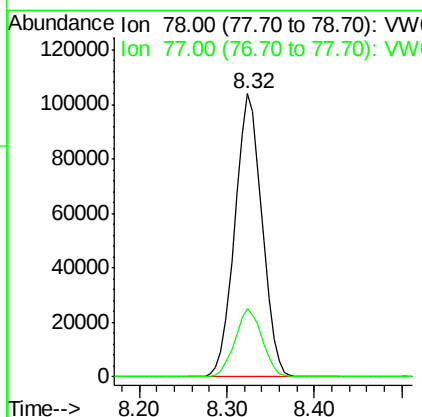
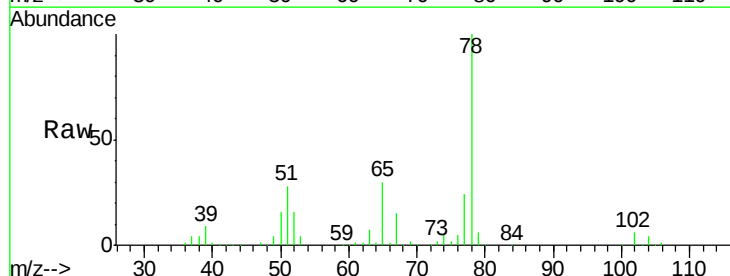
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

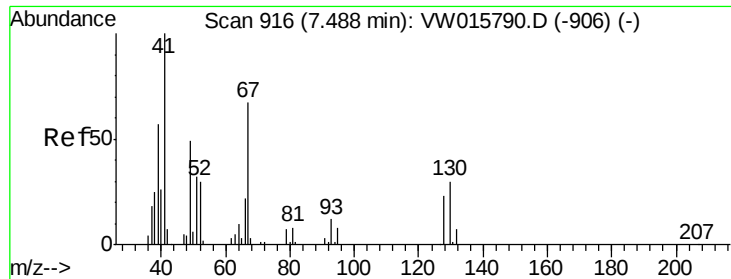
Tot Ion: 83 Resp: 95856
Ion Ratio Lower Upper
83 100
55 78.6 62.6 94.0
98 48.2 38.6 58.0



#40
Benzene
Concen: 20.816 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 78 Resp: 224554
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

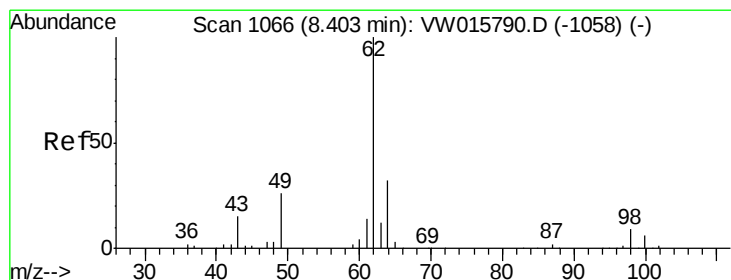
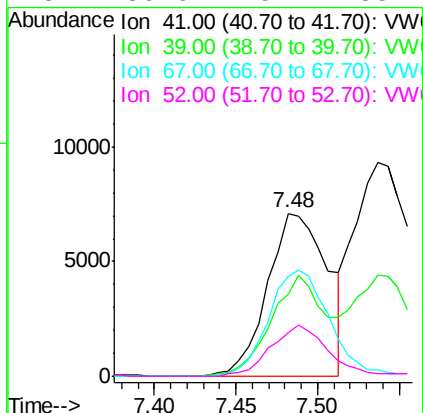
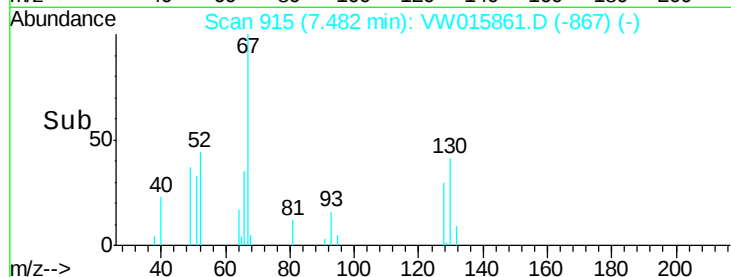
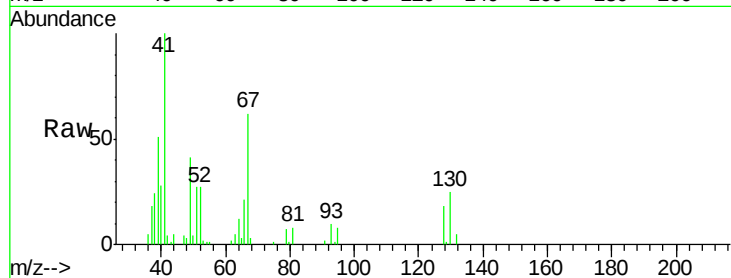




#41
Methacrylonitrile
Concen: 20.842 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

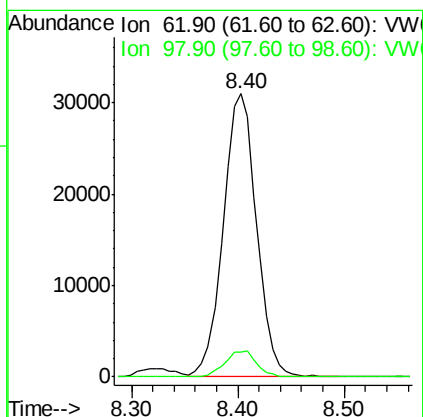
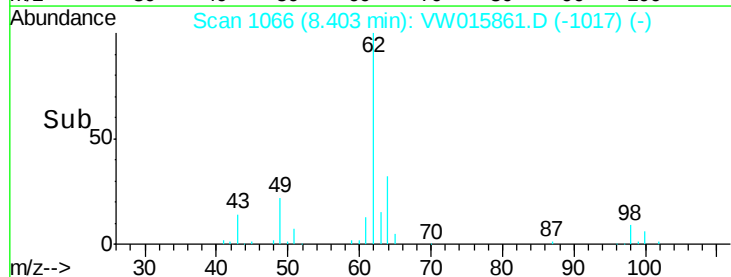
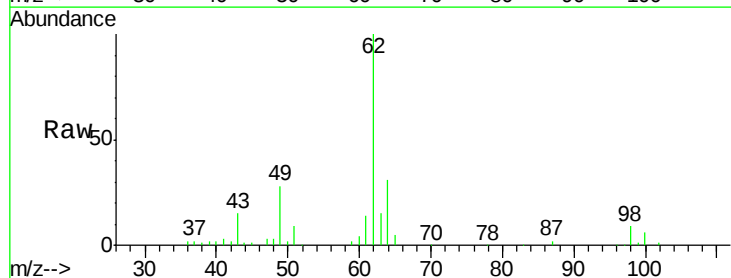
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

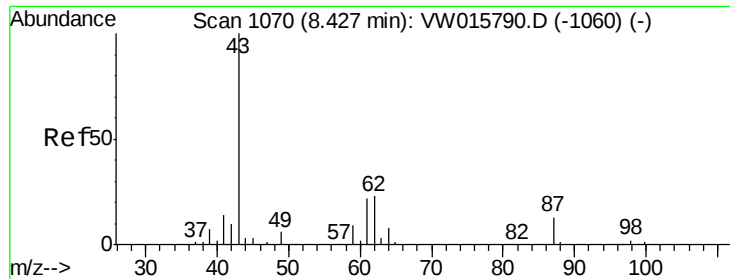
Tot Ion:	41	Resp:	18106
Ion	Ratio	Lower	Upper
41	100		
39	51.9	44.6	66.8
67	66.0	56.4	84.6
52	30.6	25.4	38.2



#42
1,2-Dichloroethane
Concen: 20.113 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion:	62	Resp:	67527
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 19.214 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

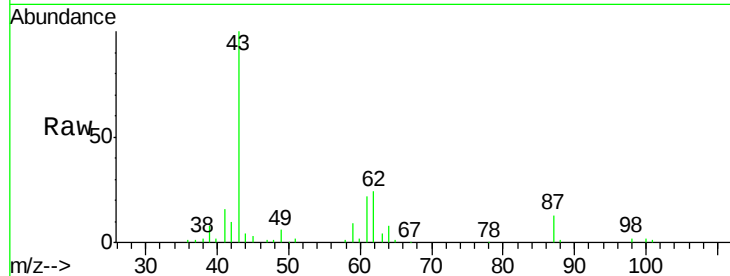
Tot Ion: 43 Resp: 57390

Ion Ratio Lower Upper

43 100

61 32.8 24.8 37.2

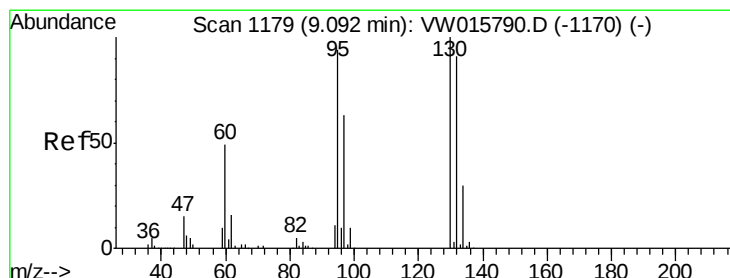
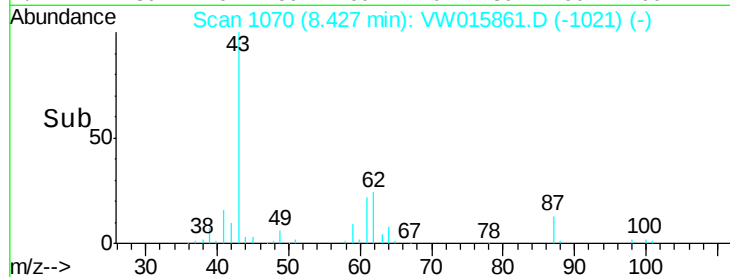
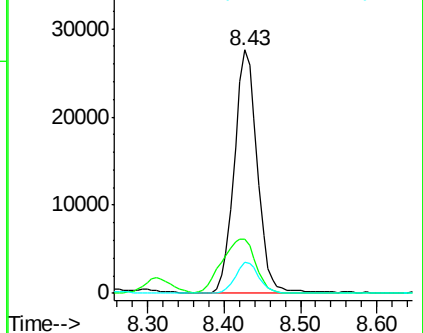
87 13.1 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.387 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015861.D

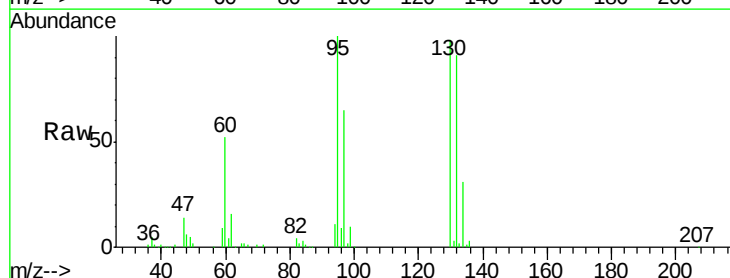
Acq: 16 Jul 2020 14:43

Tgt Ion:130 Resp: 58171

Ion Ratio Lower Upper

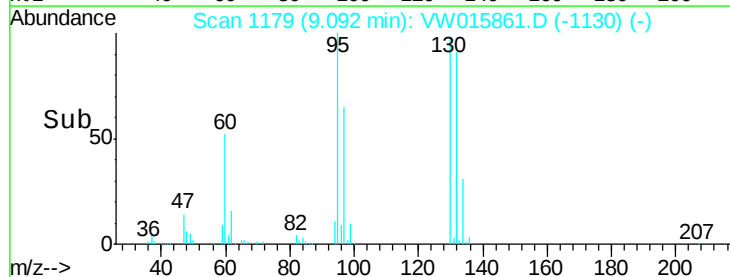
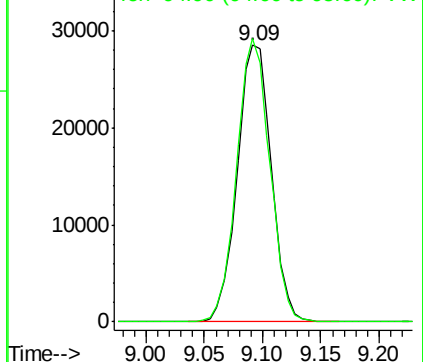
130 100

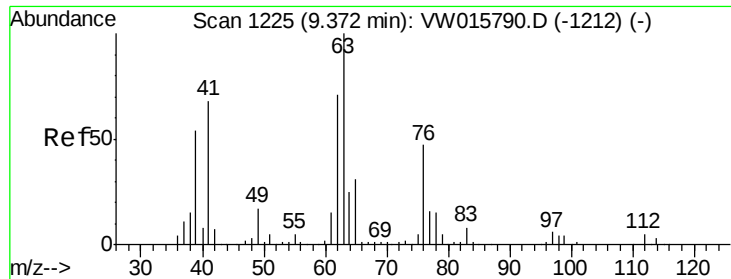
95 102.3 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

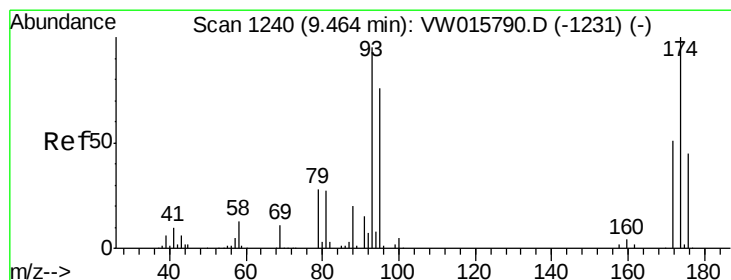
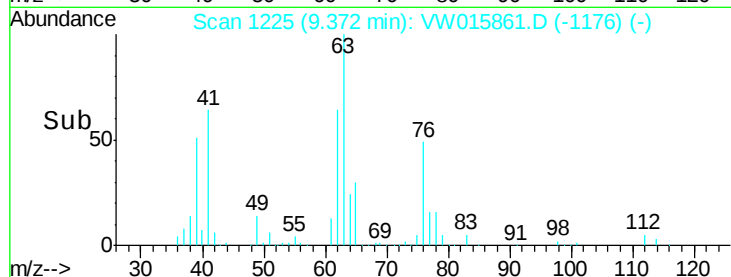
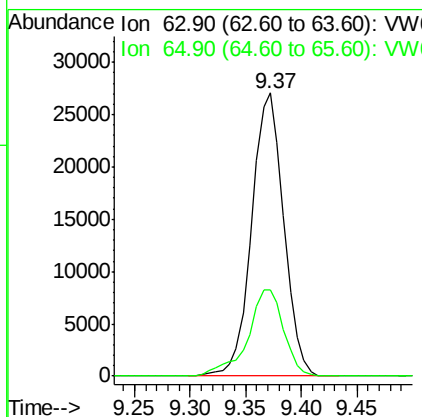
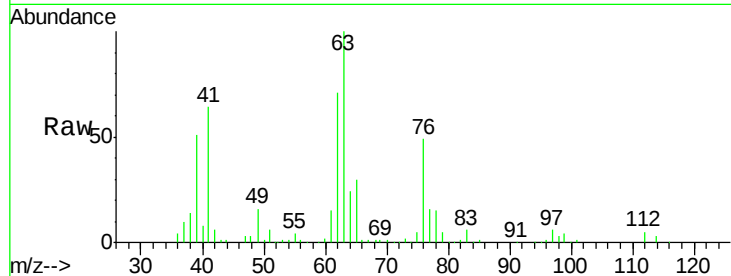




#45
 1,2-Dichloropropane
 Concen: 20.516 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

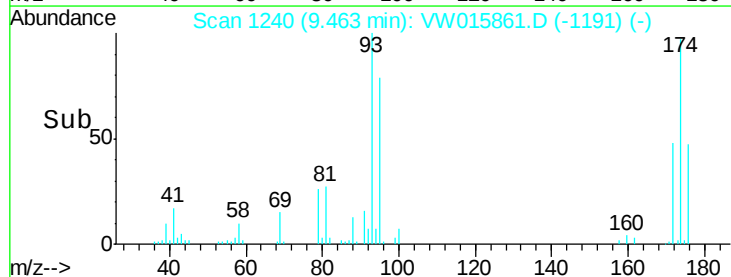
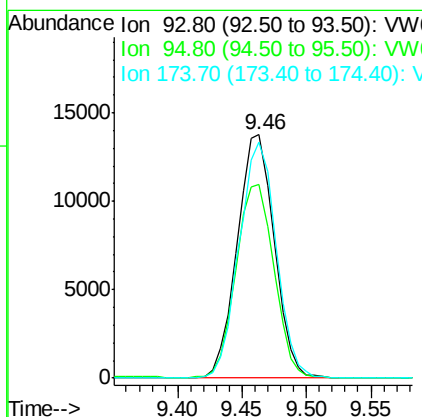
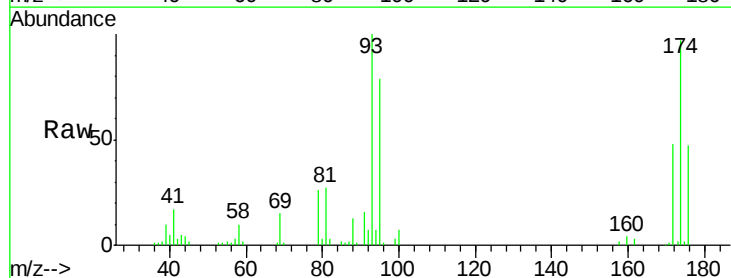
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

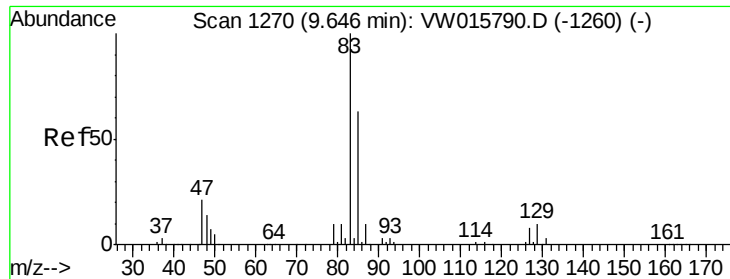
Tot Ion: 63 Resp: 54399
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.5 36.7



#46
 Dibromomethane
 Concen: 20.145 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion: 93 Resp: 27501
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.0 99.0
 174 96.5 78.7 118.1





#47

Bromodichloromethane

Concen: 20.196 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

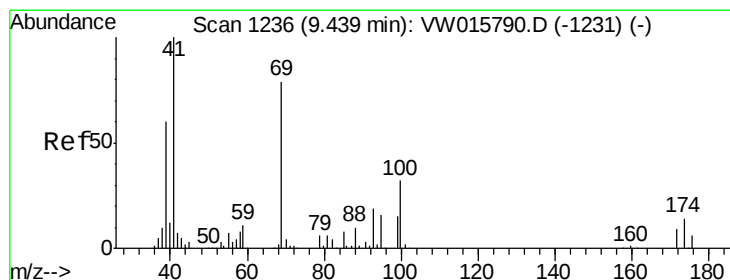
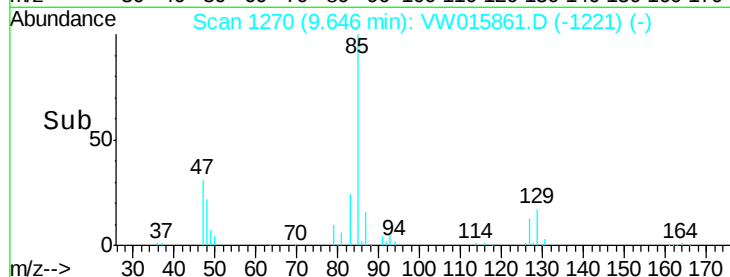
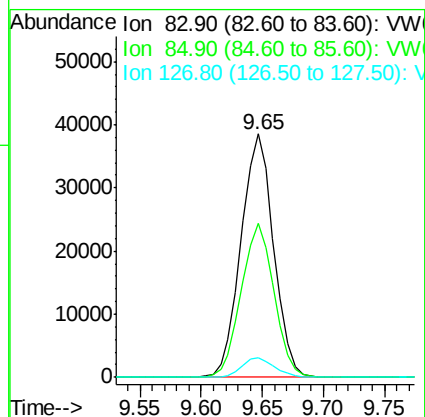
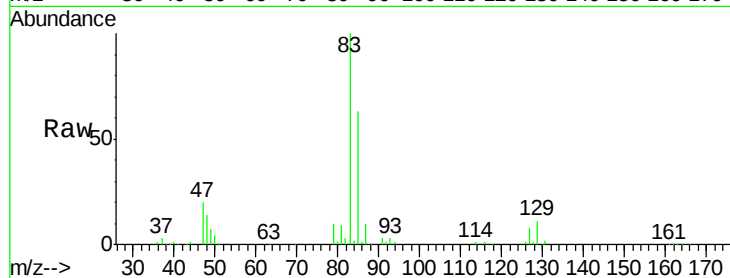
Tot Ion: 83 Resp: 71311

Ion Ratio Lower Upper

83 100

85 63.1 50.6 76.0

127 8.2 6.2 9.2



#48

Methyl methacrylate

Concen: 19.680 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

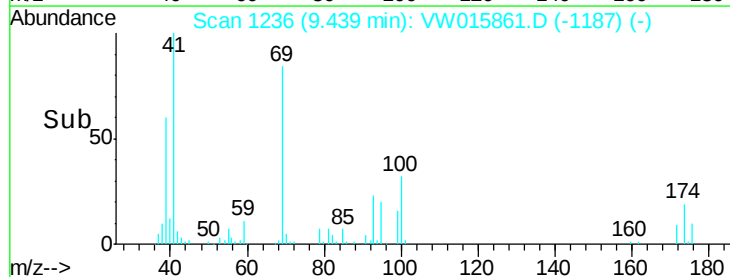
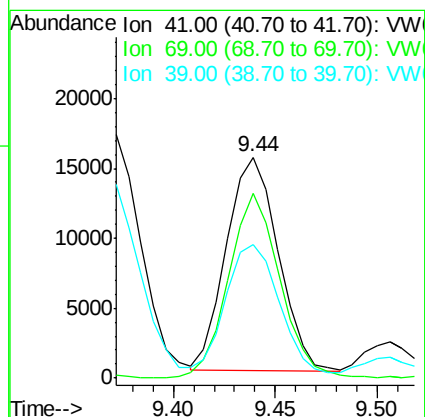
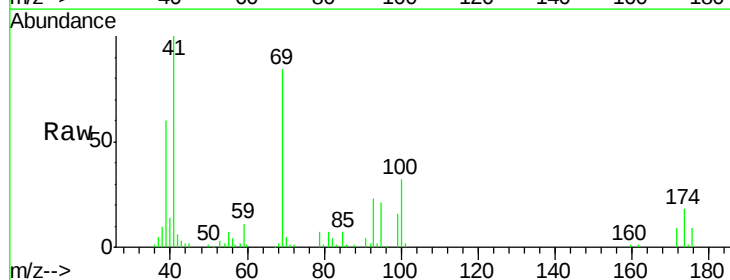
Tgt Ion: 41 Resp: 26939

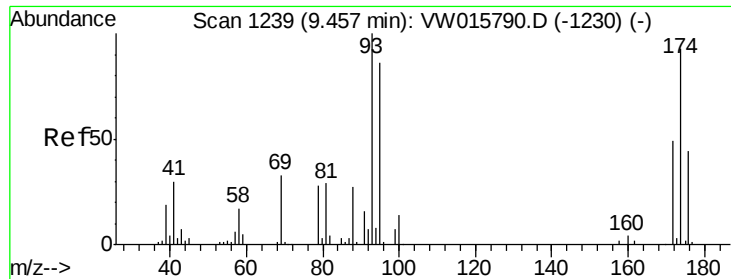
Ion Ratio Lower Upper

41 100

69 86.3 67.1 100.7

39 60.9 49.9 74.9





#49

1,4-Dioxane

Concen: 394.494 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.02 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

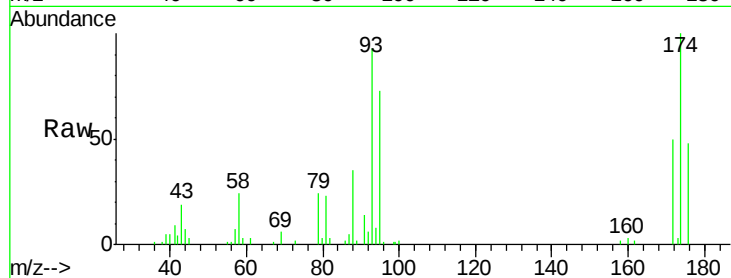
Tot Ion: 88 Resp: 6658

Ion Ratio Lower Upper

88 100

43 0.0 28.1 42.1#

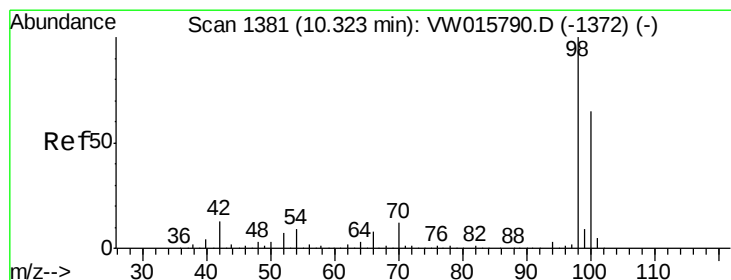
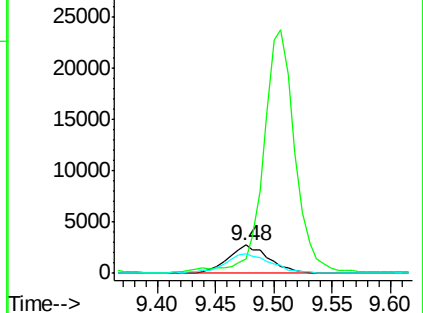
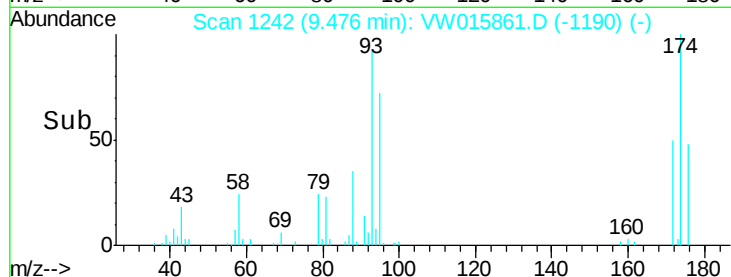
58 80.1 59.3 88.9



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.003 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015861.D

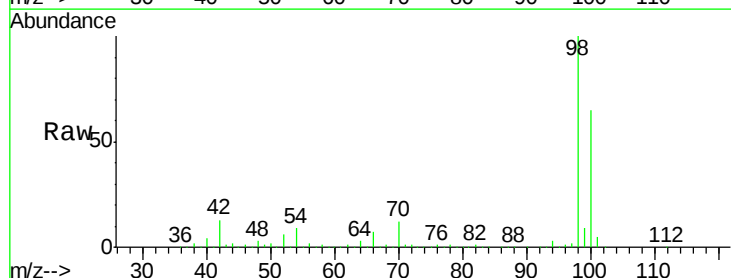
Acq: 16 Jul 2020 14:43

Tgt Ion: 98 Resp: 447663

Ion Ratio Lower Upper

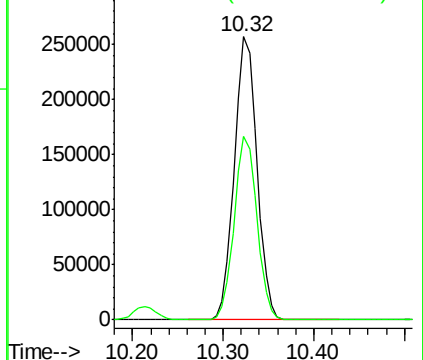
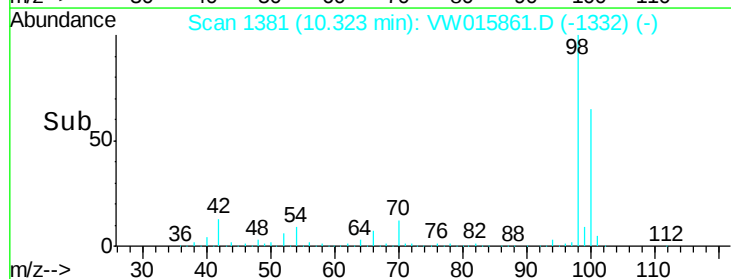
98 100

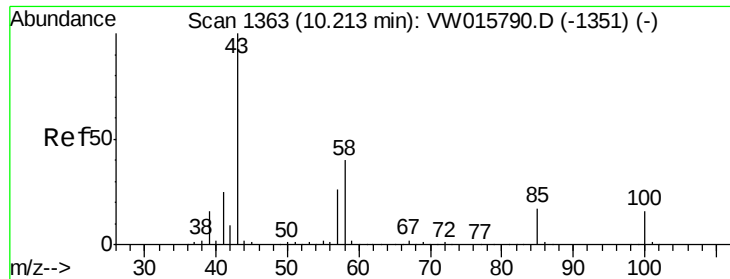
100 65.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 97.977 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

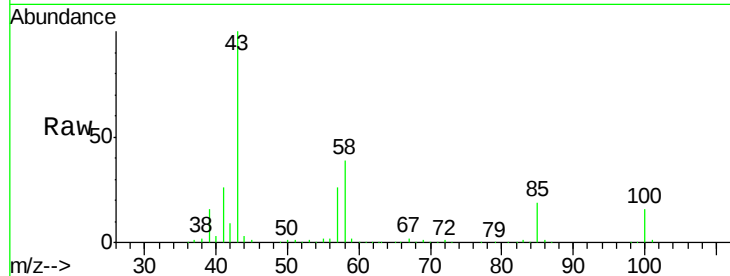
VW0716SBS01

Tot Ion: 43 Resp: 142803

Ion Ratio Lower Upper

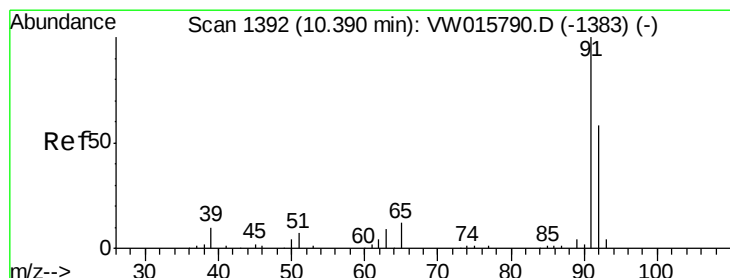
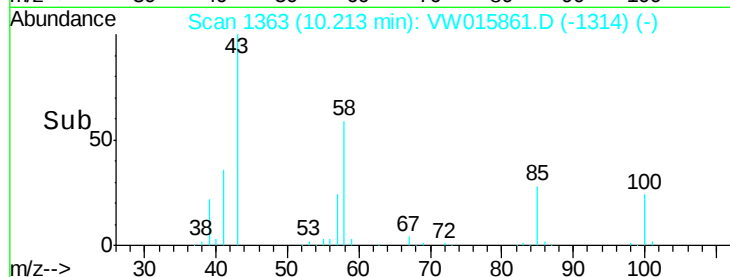
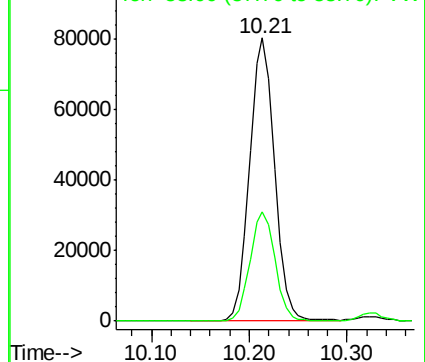
43 100

58 38.8 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 20.559 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015861.D

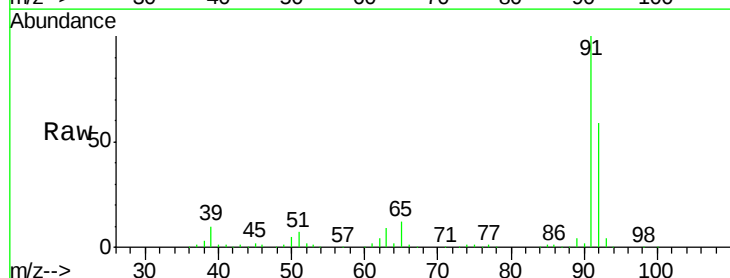
Acq: 16 Jul 2020 14:43

Tgt Ion: 92 Resp: 142719

Ion Ratio Lower Upper

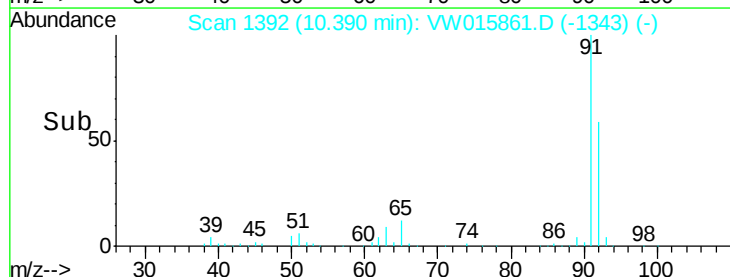
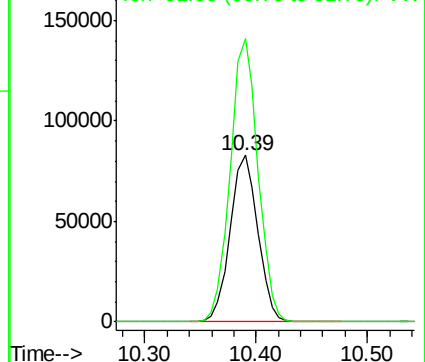
92 100

91 170.6 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

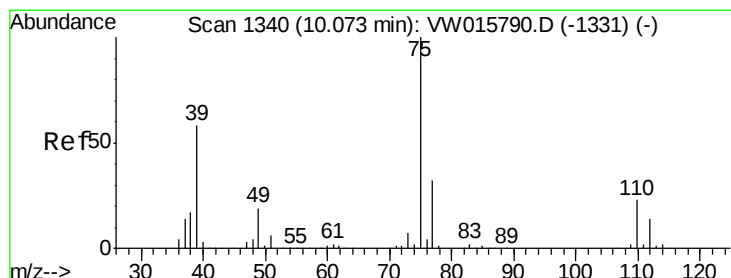
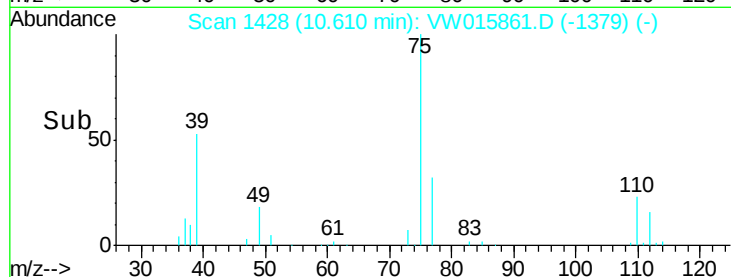
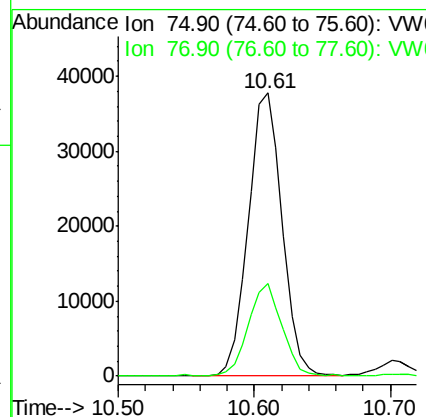
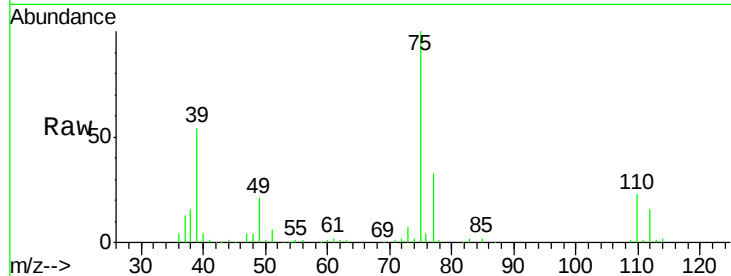




#53
 t-1,3-Dichloropropene
 Concen: 19.411 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

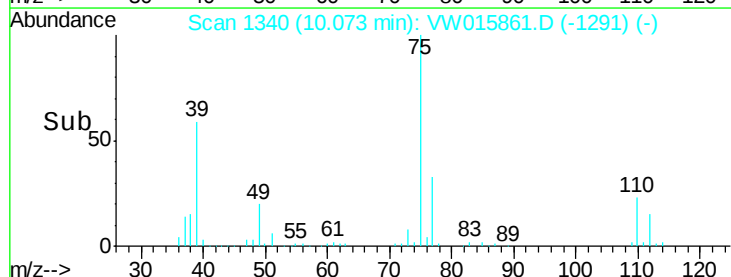
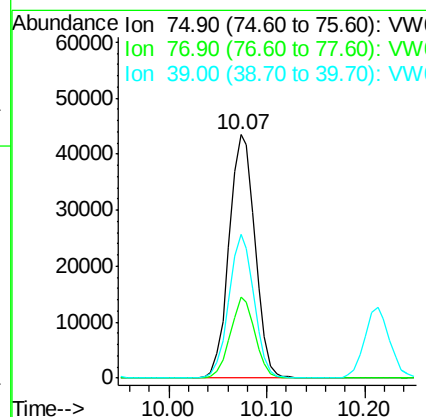
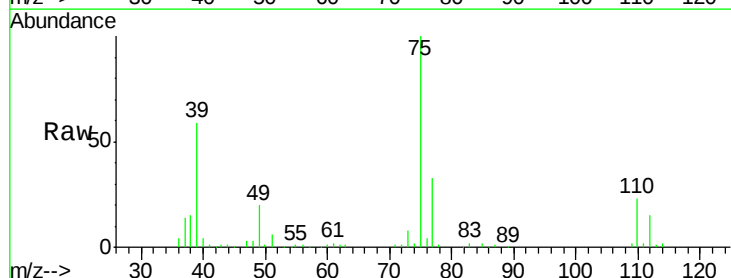
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

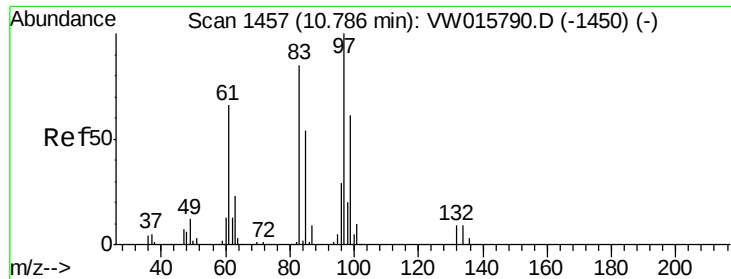
Tot Ion: 75 Resp: 65763
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.721 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion: 75 Resp: 79921
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.2 37.8
 39 59.0 46.0 69.0

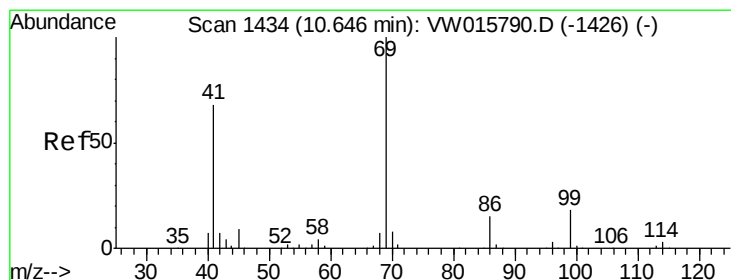
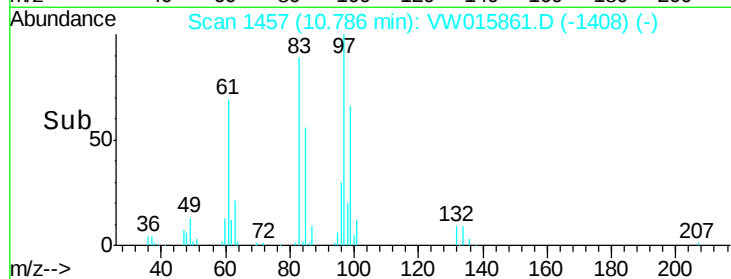
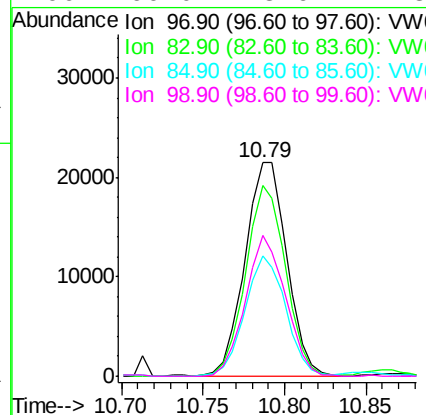
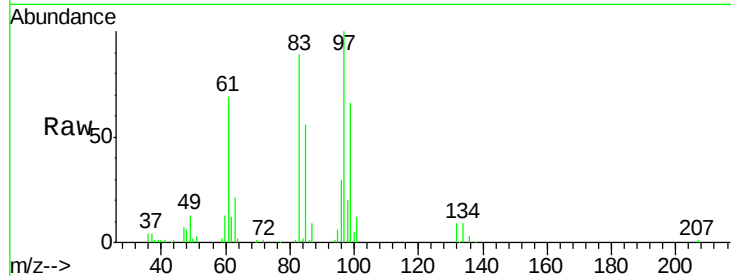




#55
 1,1,2-Trichloroethane
 Concen: 20.347 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

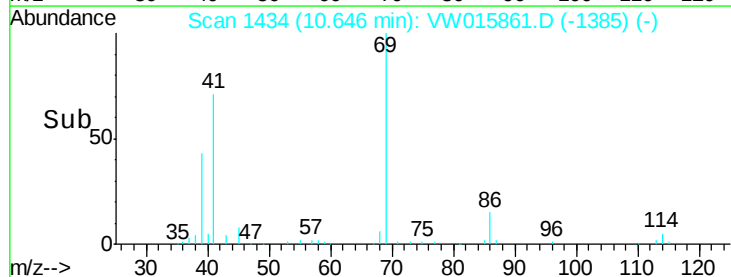
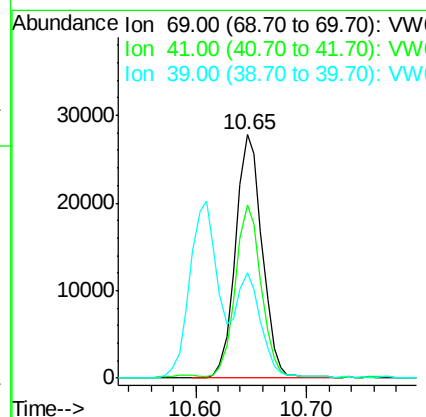
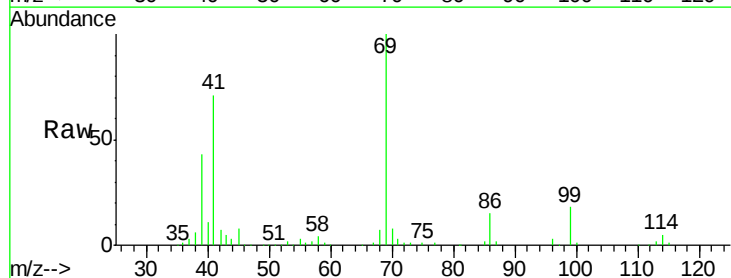
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

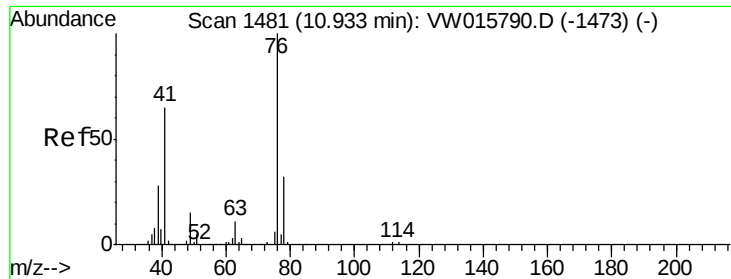
Tot Ion: 97 Resp: 38515
 Ion Ratio Lower Upper
 97 100
 83 89.4 68.2 102.4
 85 56.2 43.4 65.0
 99 66.0 48.6 72.8



#56
 Ethyl methacrylate
 Concen: 19.832 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion: 69 Resp: 46152
 Ion Ratio Lower Upper
 69 100
 41 68.9 55.0 82.6
 39 39.6 33.8 50.8

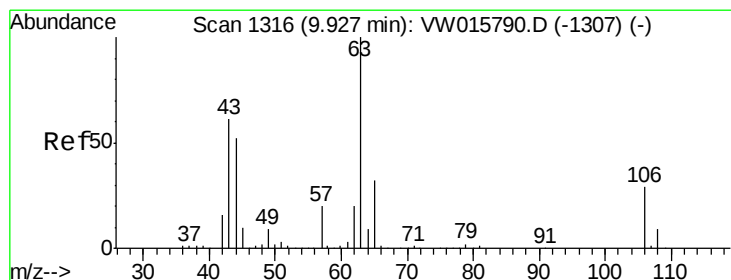
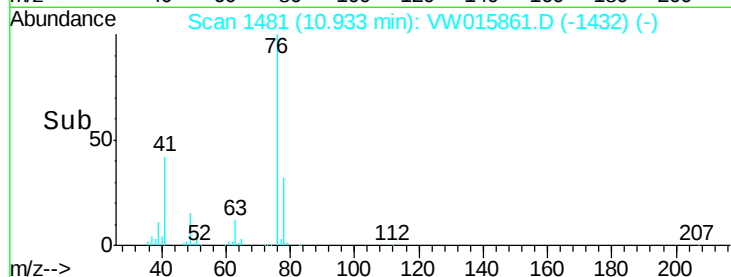
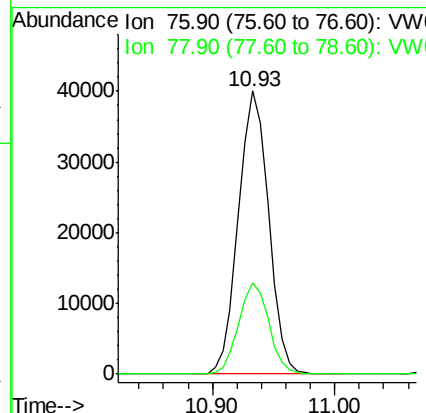
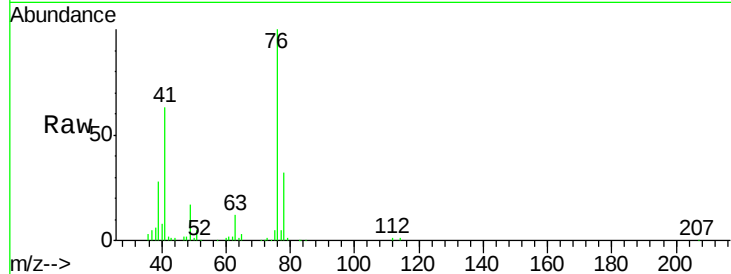




#57
 1,3-Dichloropropane
 Concen: 20.435 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

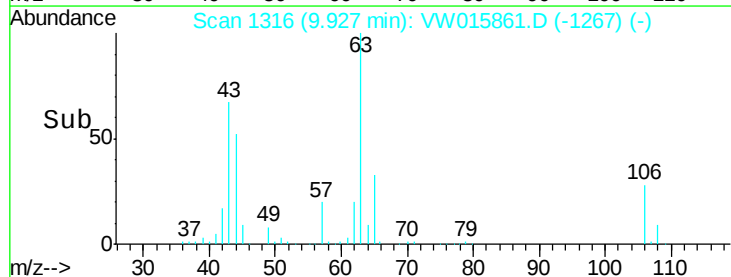
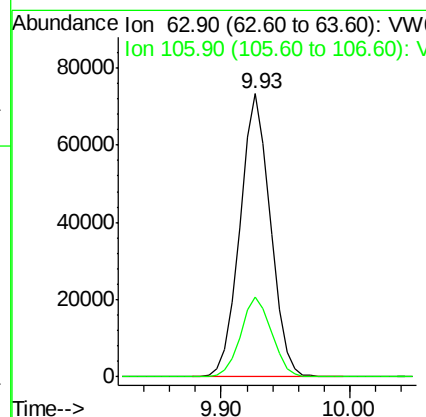
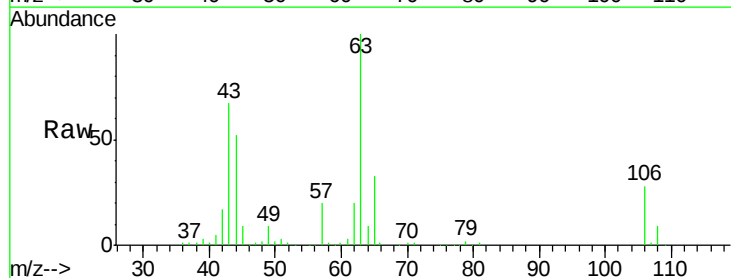
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

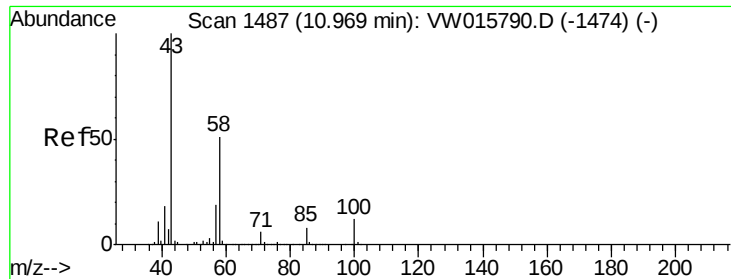
Tot Ion: 76 Resp: 68477
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.284 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion: 63 Resp: 119720
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.1 34.7

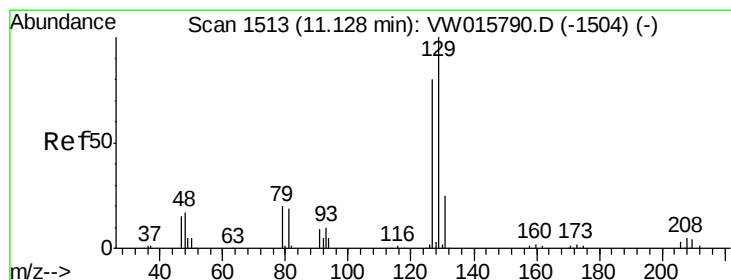
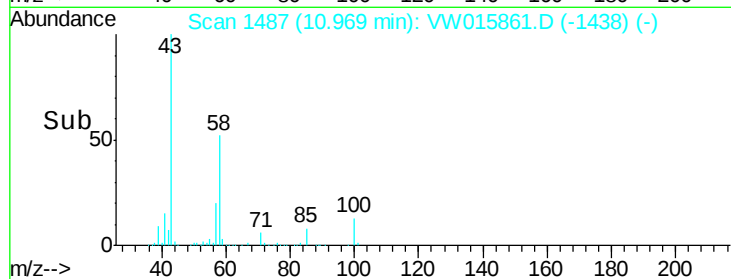
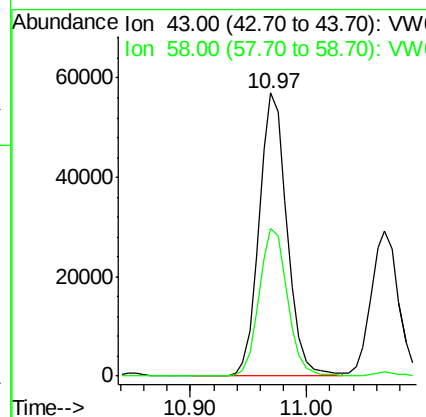
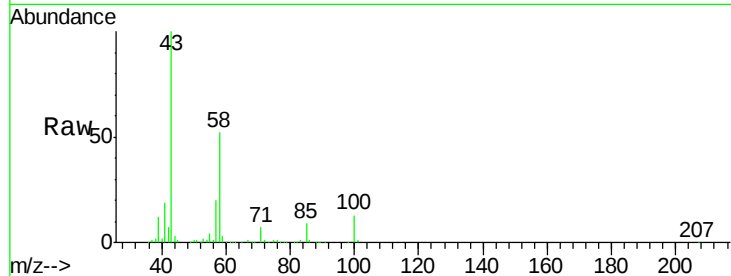




#59
2-Hexanone
Concen: 98.221 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

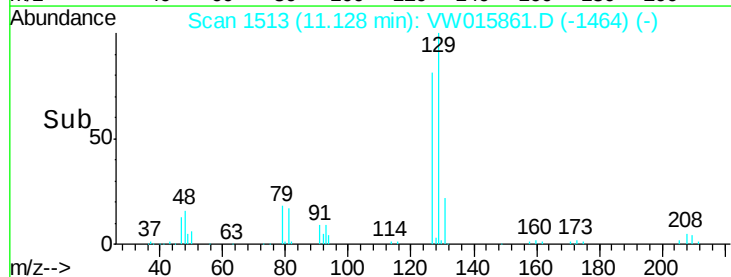
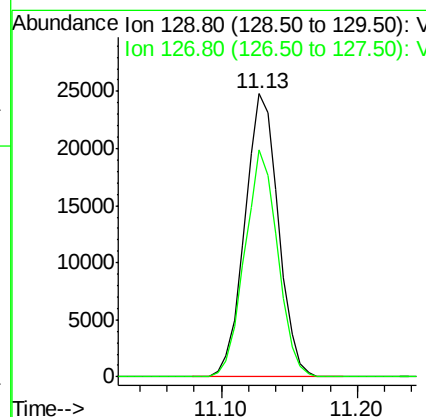
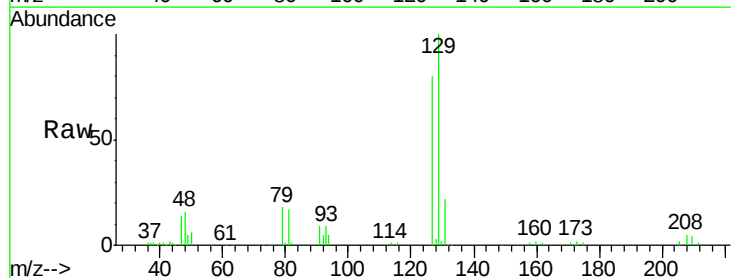
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

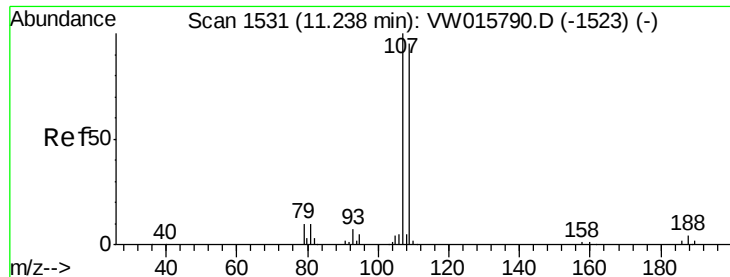
Tot Ion: 43 Resp: 95537
Ion Ratio Lower Upper
43 100
58 52.8 26.2 78.5



#60
Dibromochloromethane
Concen: 19.562 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 129 Resp: 42766
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1





#61

1,2-Dibromoethane

Concen: 19.996 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

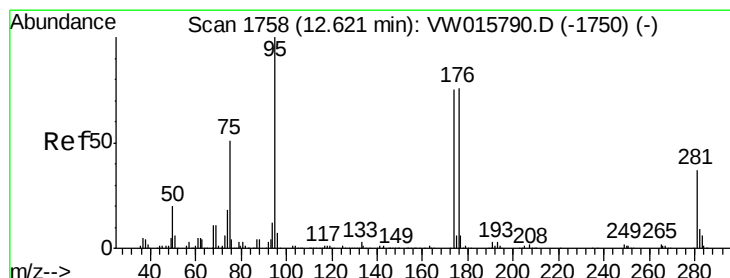
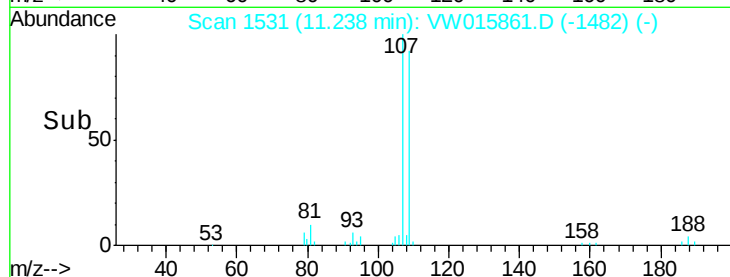
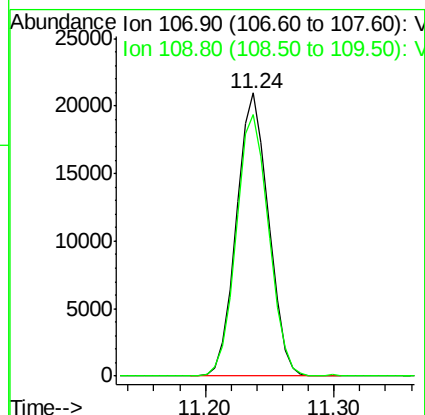
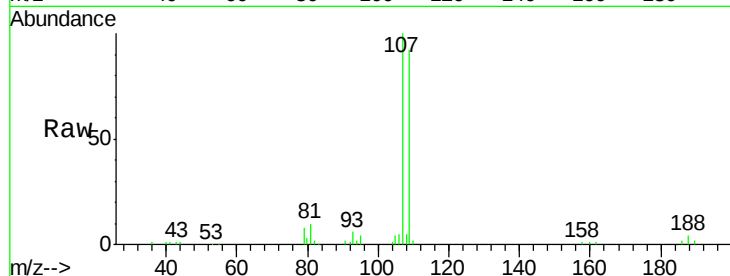
VW0716SBS01

Tot Ion:107 Resp: 36218

Ion Ratio Lower Upper

107 100

109 93.7 77.0 115.6



#62

4-Bromofluorobenzene

Concen: 49.705 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

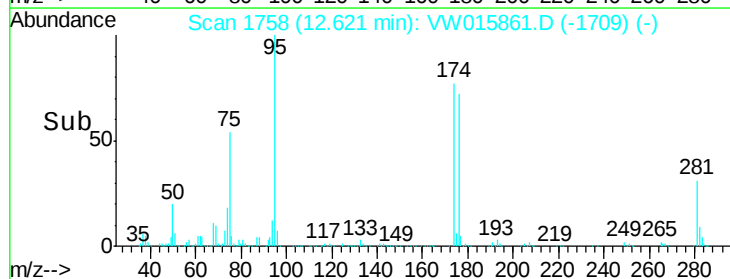
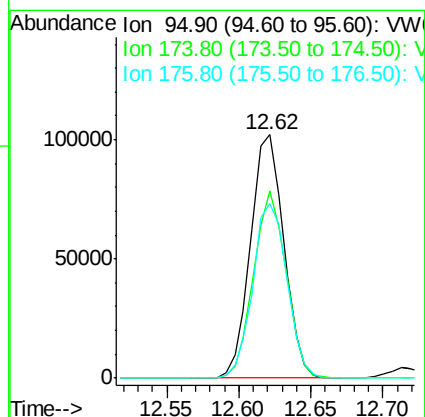
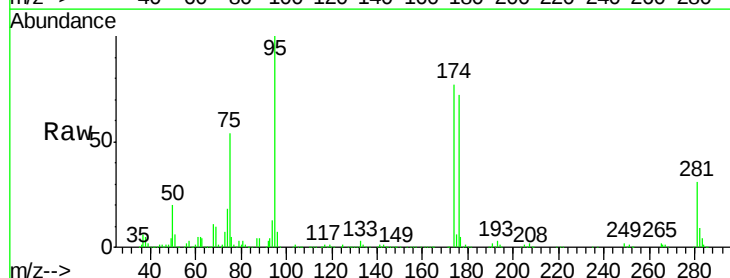
Tgt Ion: 95 Resp: 163288

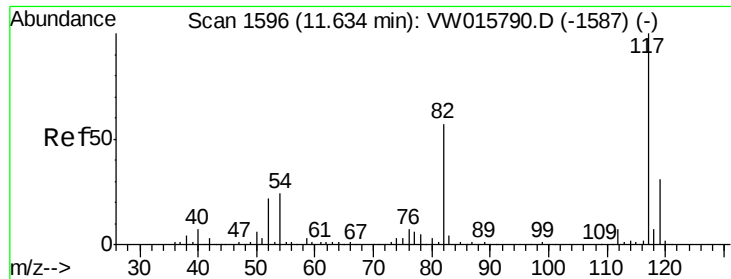
Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

176 73.5 0.0 148.4

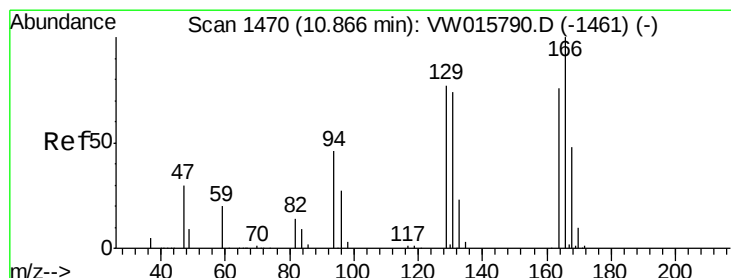
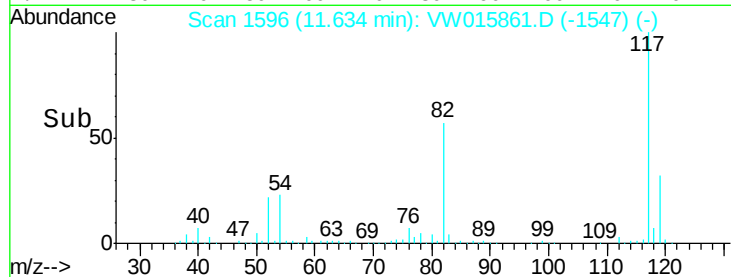
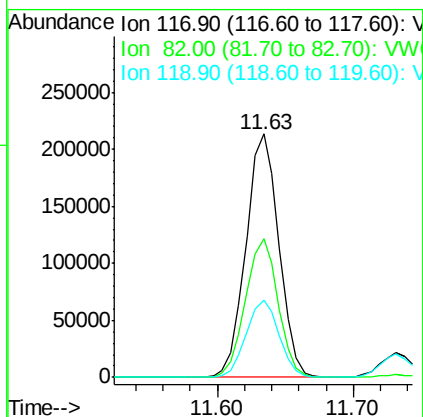
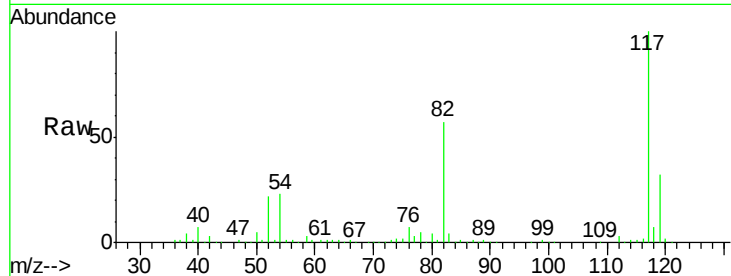




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

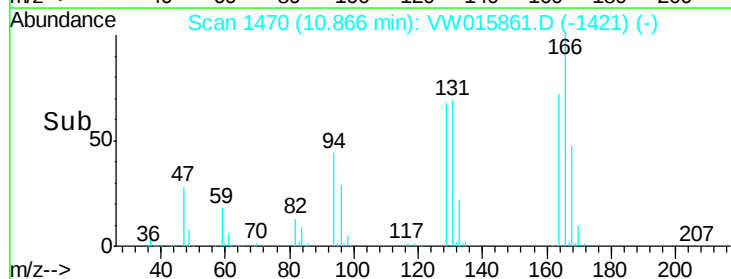
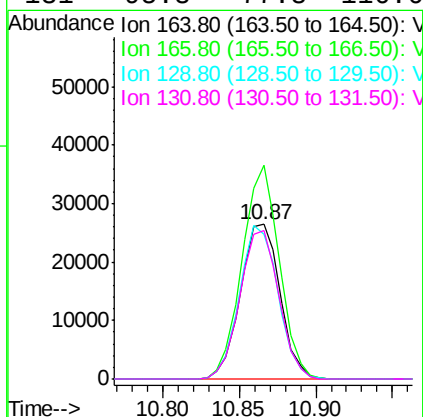
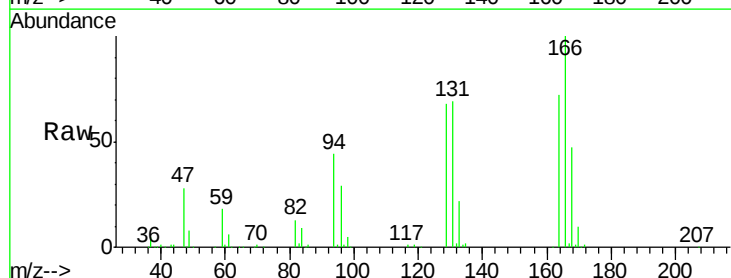
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

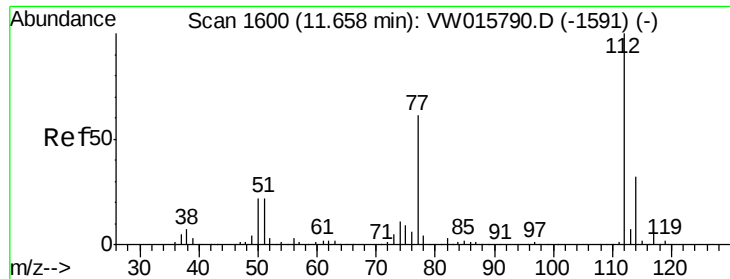
Tot Ion:117 Resp: 361783
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 31.5 25.0 37.6



#64
Tetrachloroethene
Concen: 20.799 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion:164 Resp: 47620
Ion Ratio Lower Upper
164 100
166 138.3 105.1 157.7
129 94.0 80.6 121.0
131 95.8 77.8 116.6

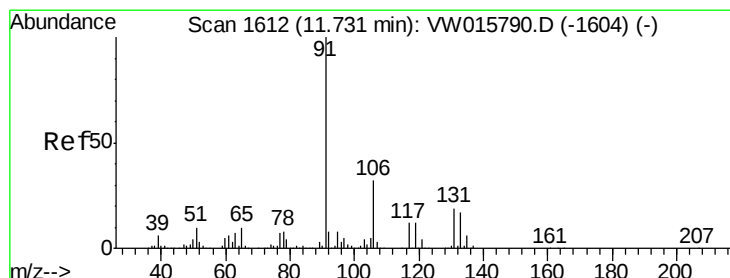
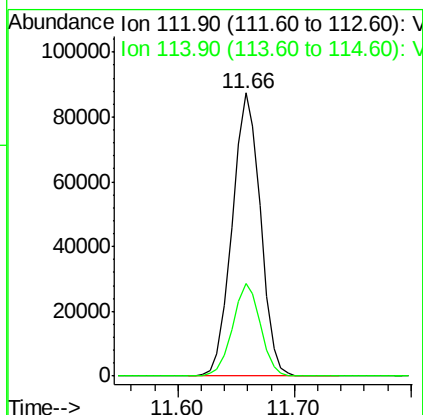
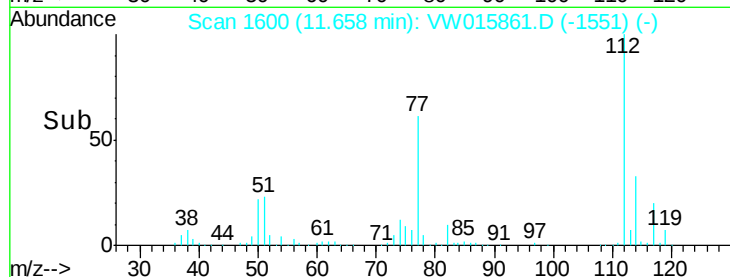
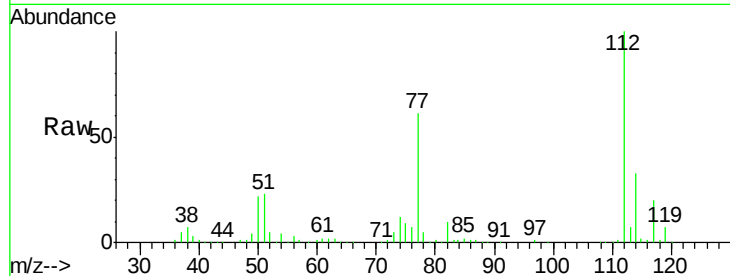




#65
Chlorobenzene
Concen: 20.844 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

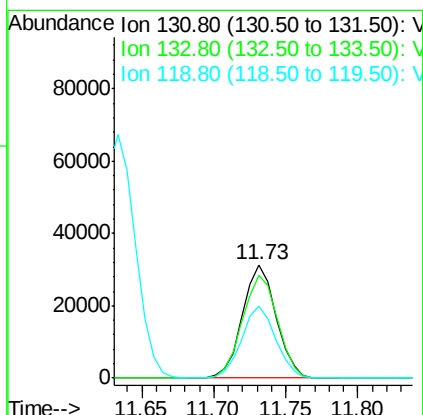
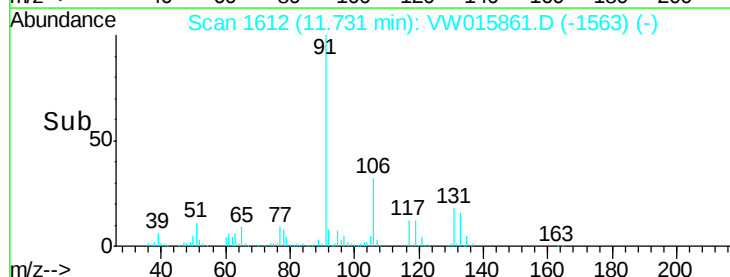
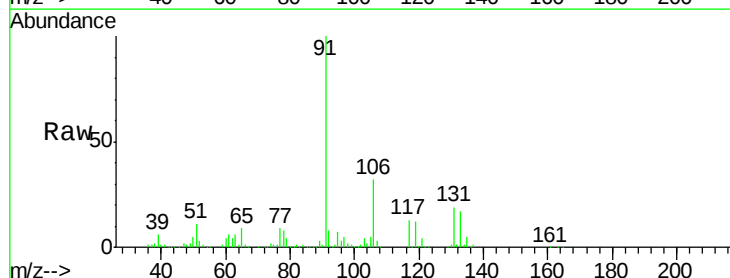
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

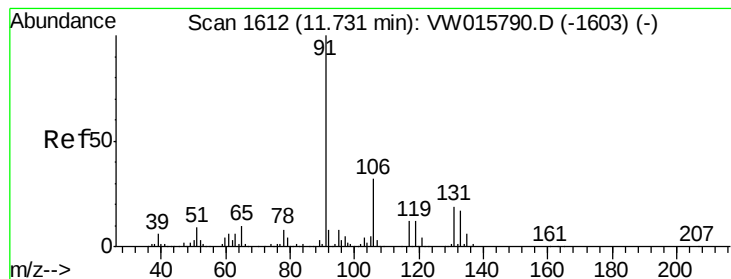
Tot Ion:112 Resp: 147472
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.271 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion:131 Resp: 50752
Ion Ratio Lower Upper
131 100
133 94.6 47.0 141.2
119 64.3 32.3 96.8





#67

Ethyl Benzene

Concen: 20.656 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

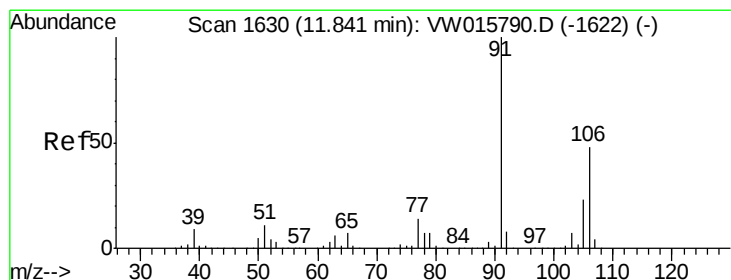
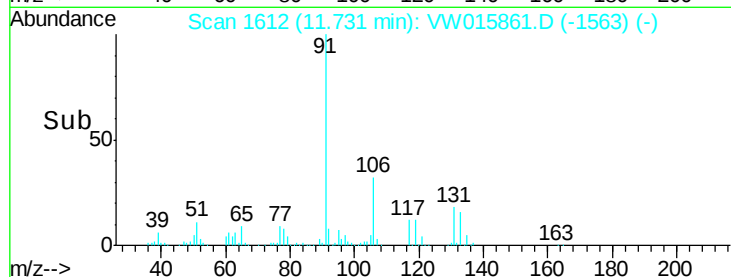
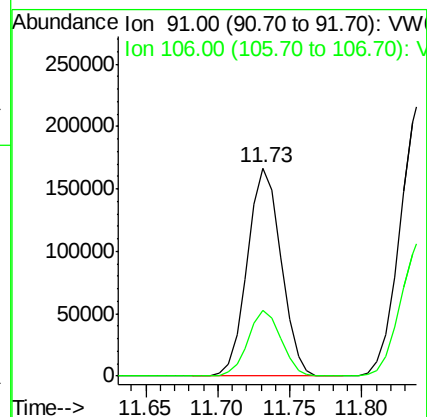
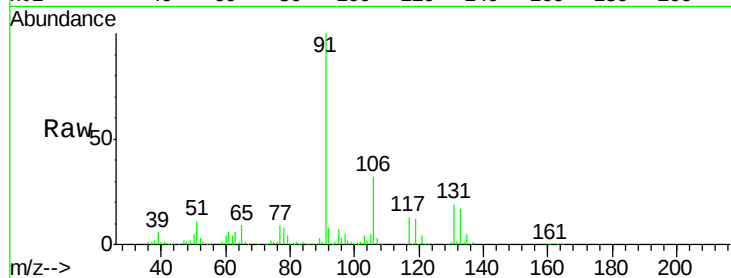
VW0716SBS01

Tot Ion: 91 Resp: 270634

Ion Ratio Lower Upper

91 100

106 31.6 25.8 38.8



#68

m/p-Xylenes

Concen: 42.111 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW015861.D

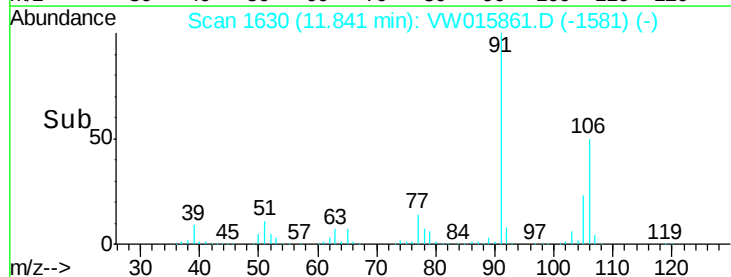
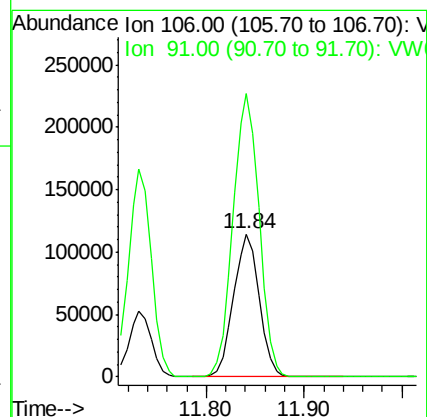
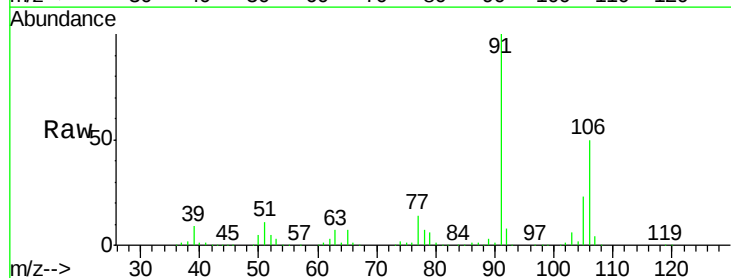
Acq: 16 Jul 2020 14:43

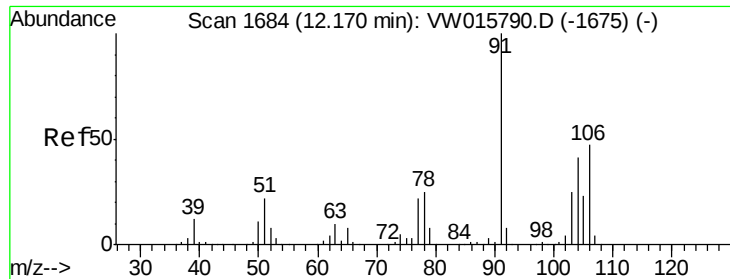
Tgt Ion:106 Resp: 207259

Ion Ratio Lower Upper

106 100

91 202.8 164.1 246.1

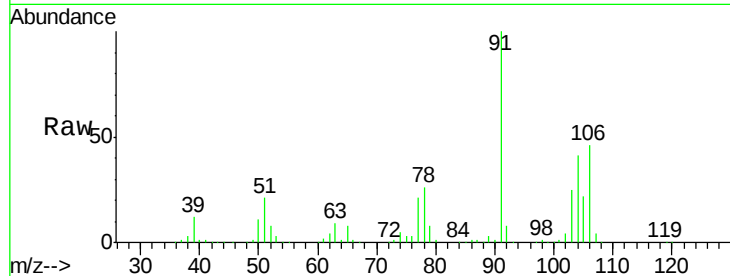




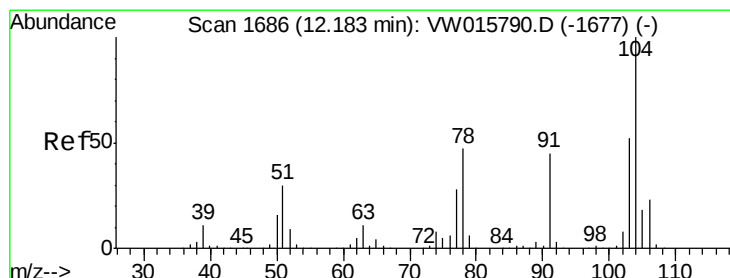
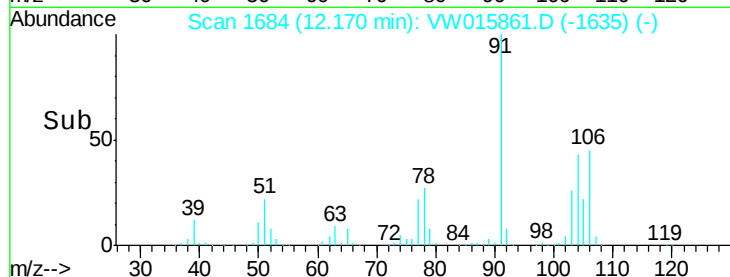
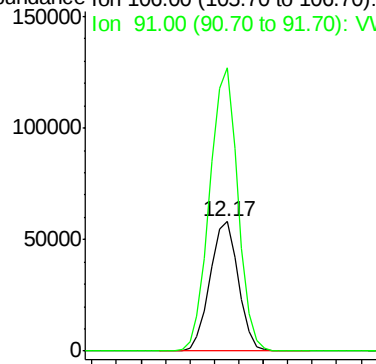
#69
o-Xylene
Concen: 20.769 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Tot Ion:106 Resp: 93308
Ion Ratio Lower Upper
106 100
91 217.7 108.5 325.3

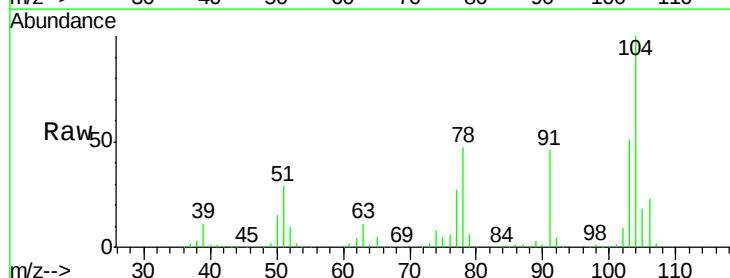


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

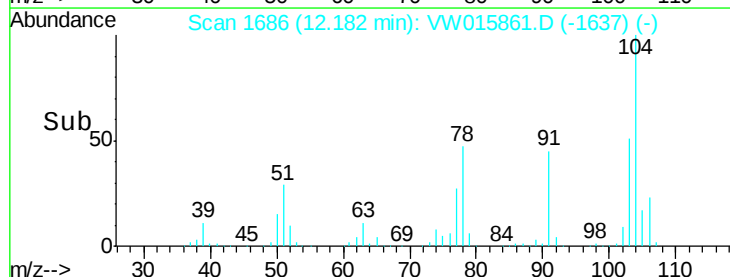
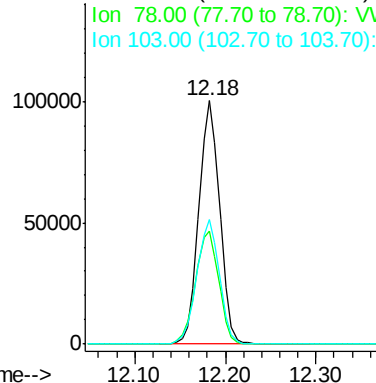


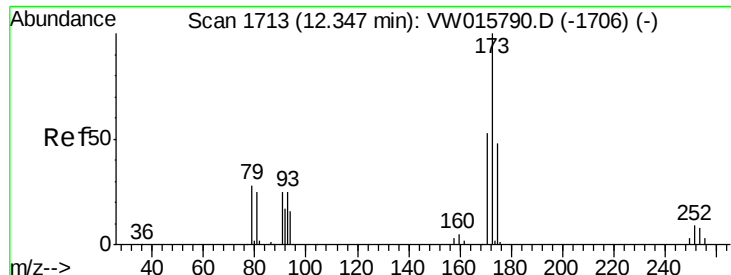
#70
Styrene
Concen: 20.765 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion:104 Resp: 160514
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.4
103 55.2 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.633 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

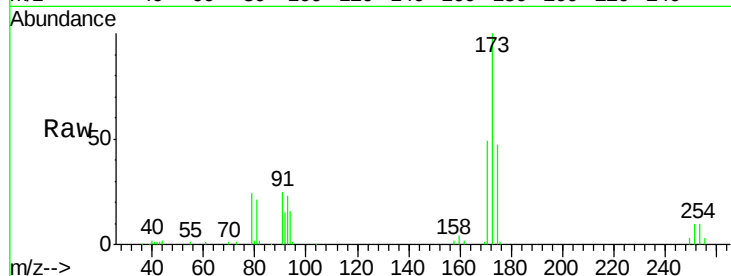
Tot Ion:173 Resp: 22437

Ion Ratio Lower Upper

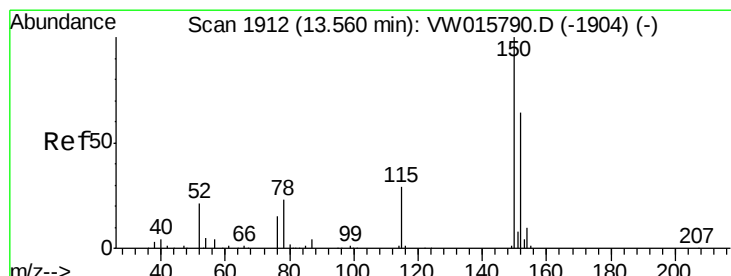
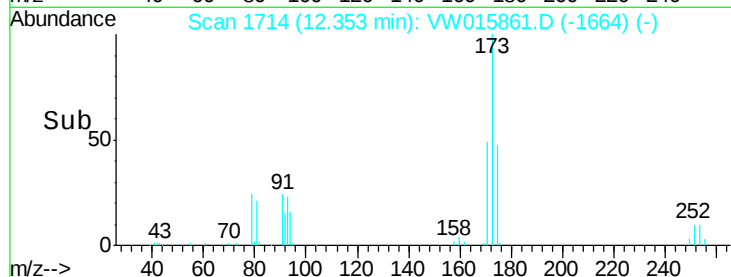
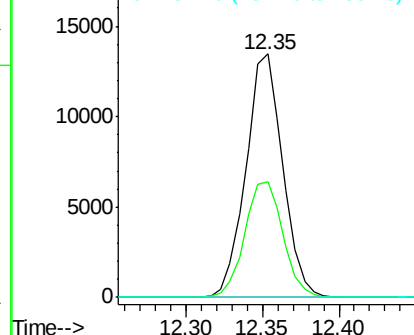
173 100

175 49.3 23.5 70.5

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

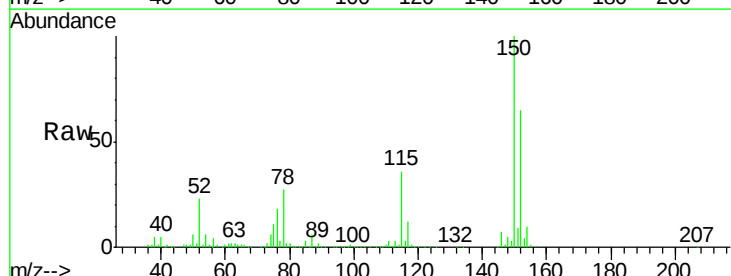
Tgt Ion:152 Resp: 178095

Ion Ratio Lower Upper

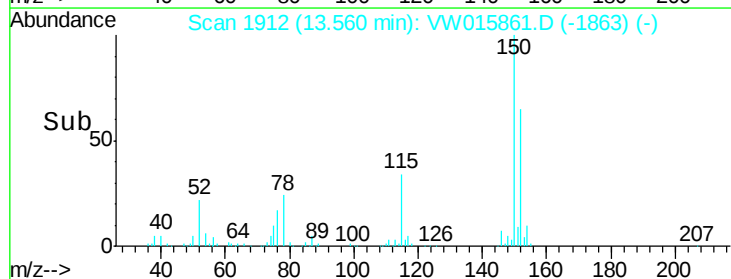
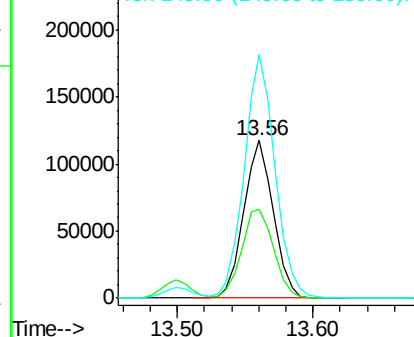
152 100

115 60.6 29.9 89.7

150 161.3 0.0 350.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.684 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

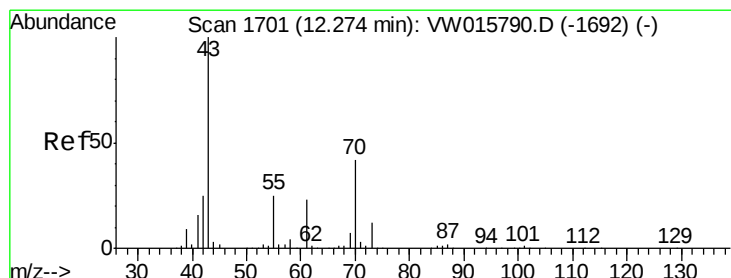
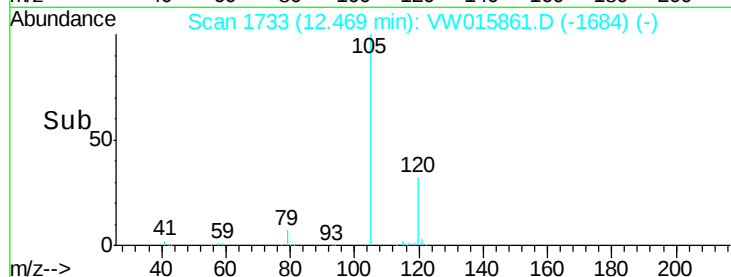
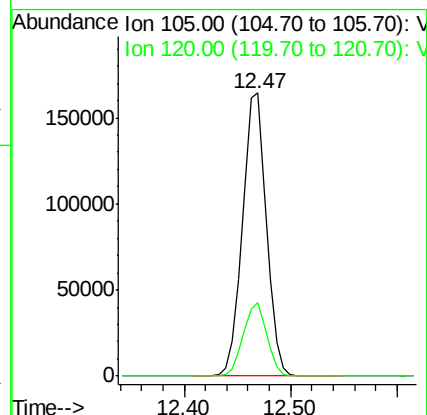
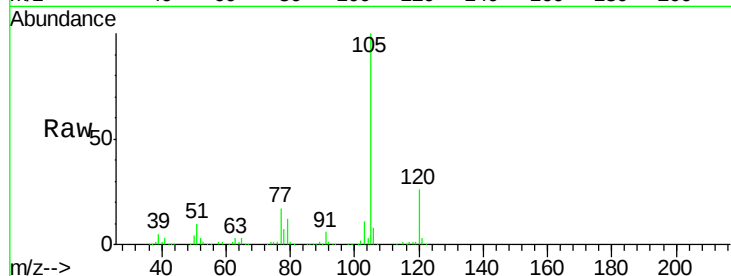
VW0716SBS01

Tot Ion:105 Resp: 259520

Ion Ratio Lower Upper

105 100

120 25.7 13.2 39.6



#74

N-ethyl acetate

Concen: 19.843 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Tgt Ion: 43 Resp: 53265

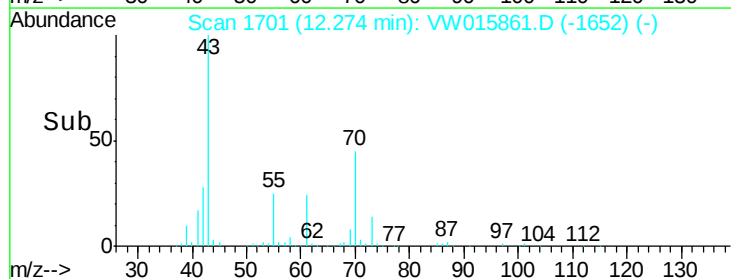
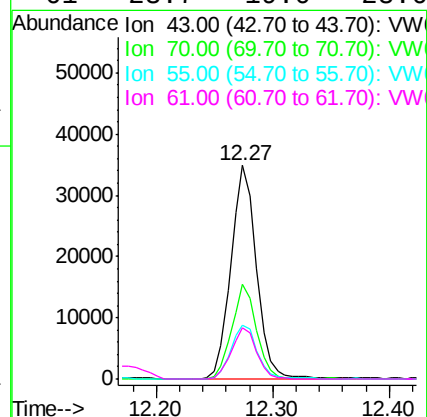
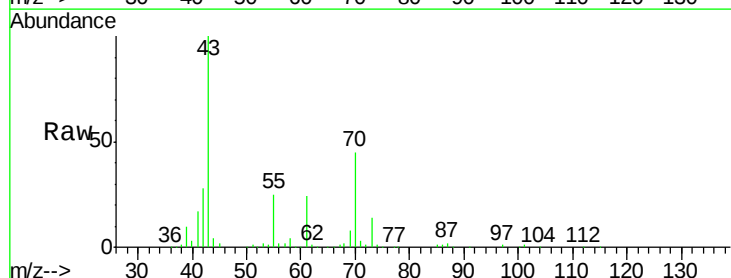
Ion Ratio Lower Upper

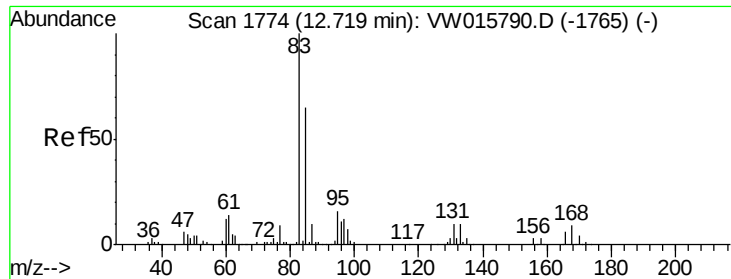
43 100

70 43.3 34.1 51.1

55 26.4 20.0 30.0

61 23.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.946 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

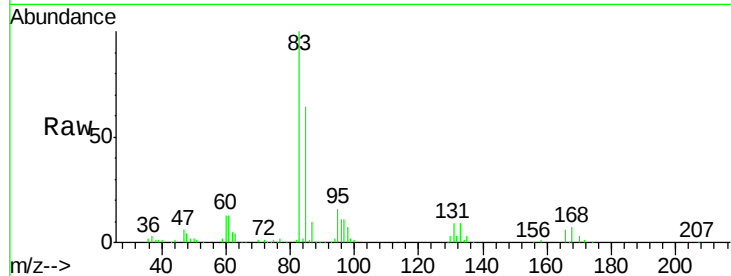
Tot Ion: 83 Resp: 43666

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

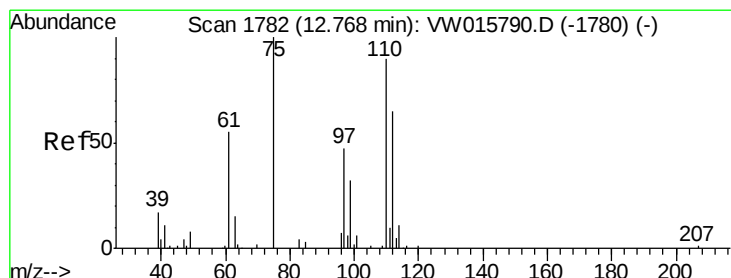
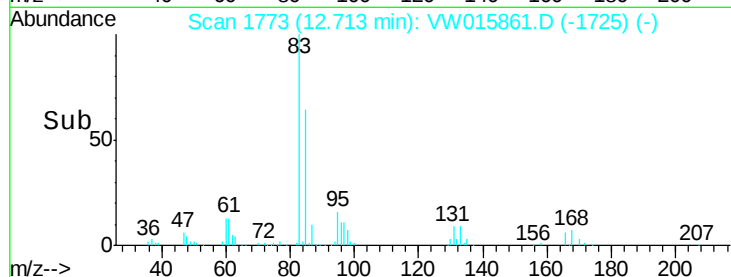
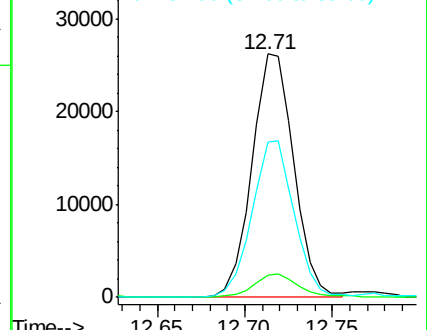
85 64.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 19.867 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015861.D

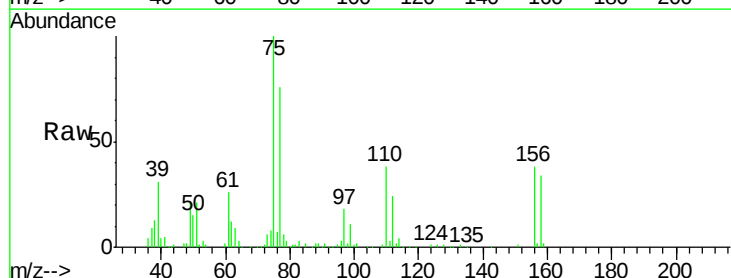
Acq: 16 Jul 2020 14:43

Tgt Ion: 75 Resp: 31096

Ion Ratio Lower Upper

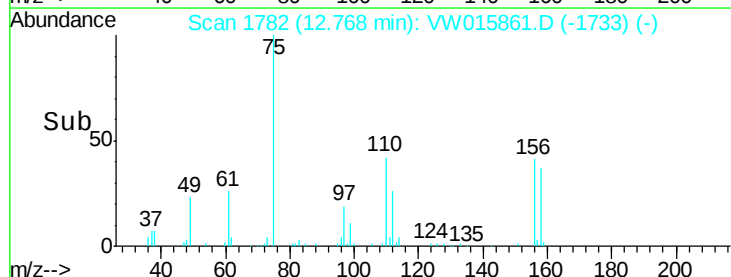
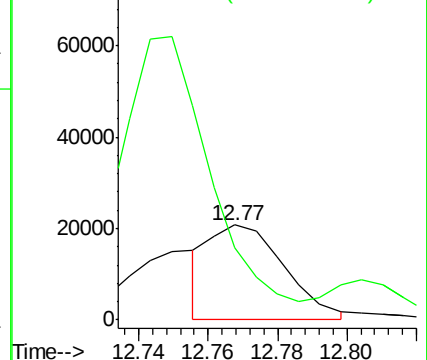
75 100

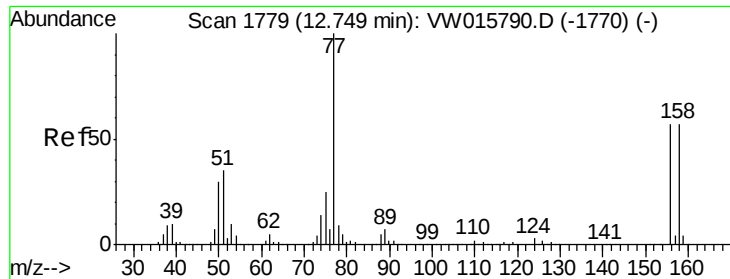
77 368.1 177.3 532.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.695 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

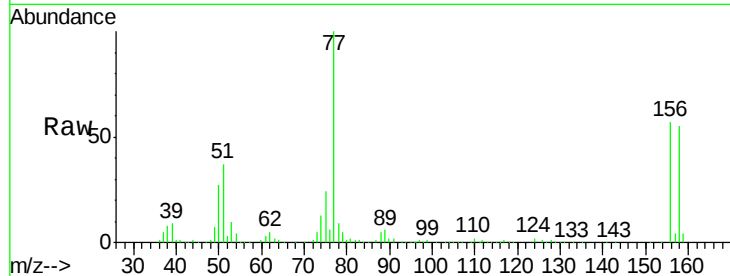
Tot Ion:156 Resp: 58221

Ion Ratio Lower Upper

156 100

77 196.6 98.8 296.4

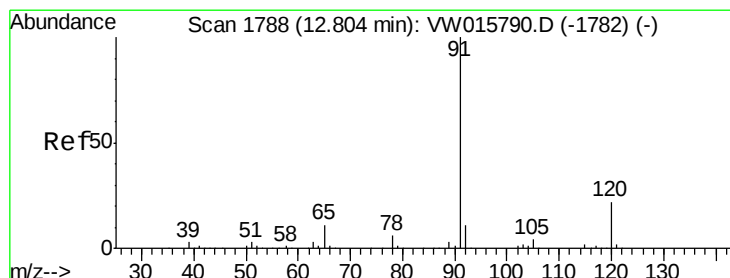
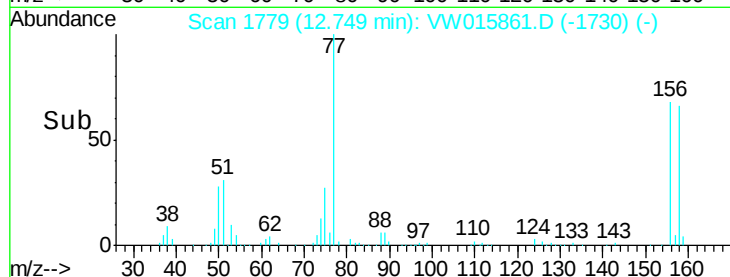
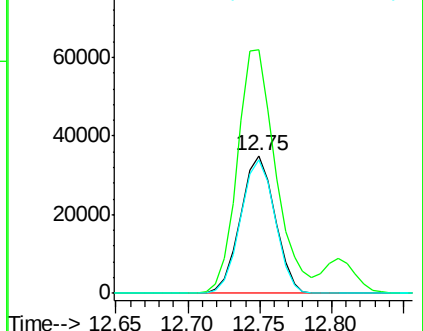
158 96.9 50.0 149.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.447 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015861.D

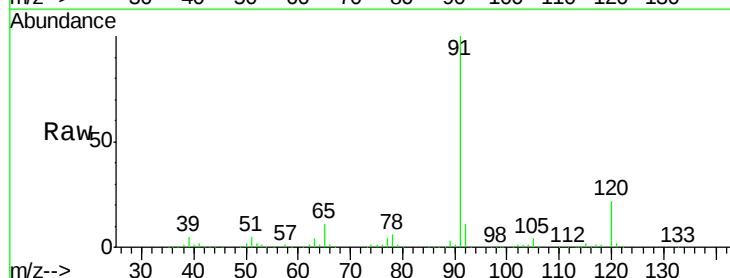
Acq: 16 Jul 2020 14:43

Tgt Ion: 91 Resp: 326619

Ion Ratio Lower Upper

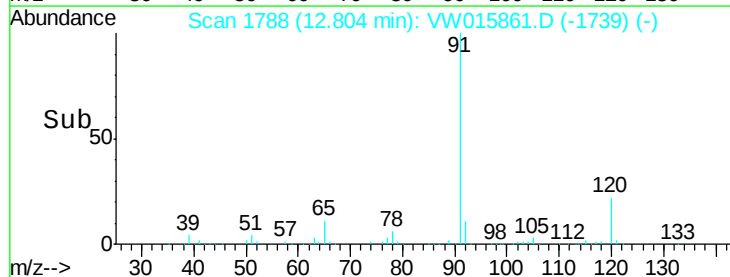
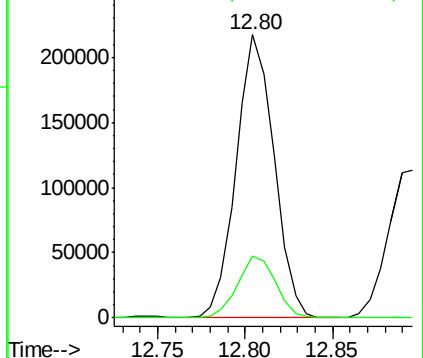
91 100

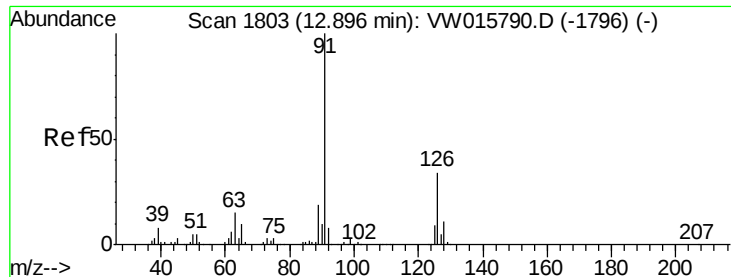
120 22.0 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.280 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

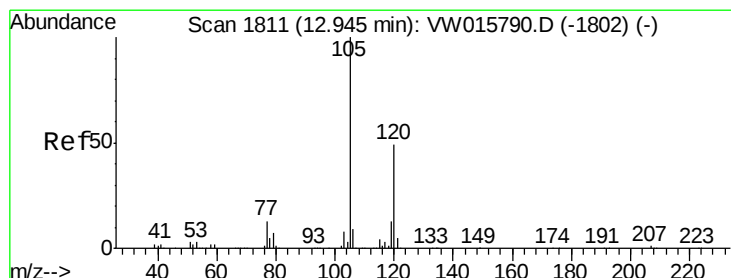
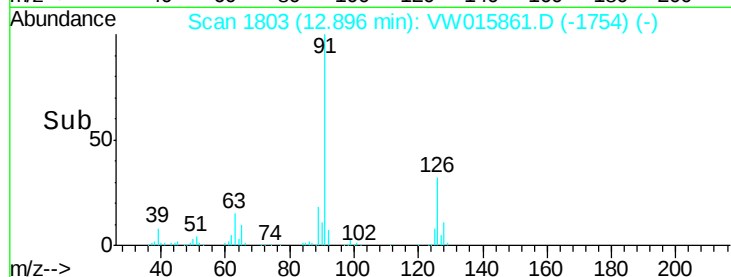
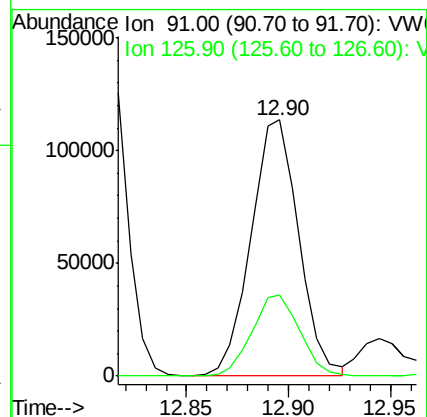
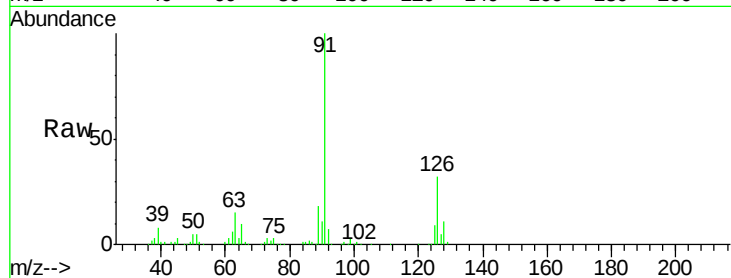
VW0716SBS01

Tot Ion: 91 Resp: 184806

Ion Ratio Lower Upper

91 100

126 31.7 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 21.136 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015861.D

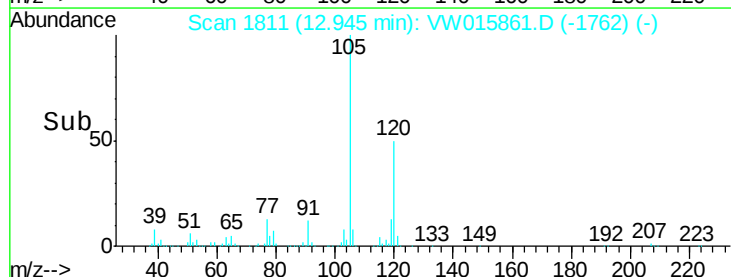
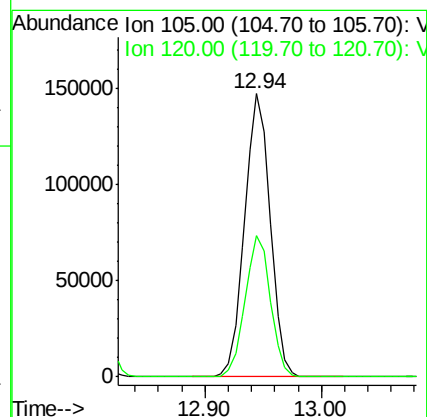
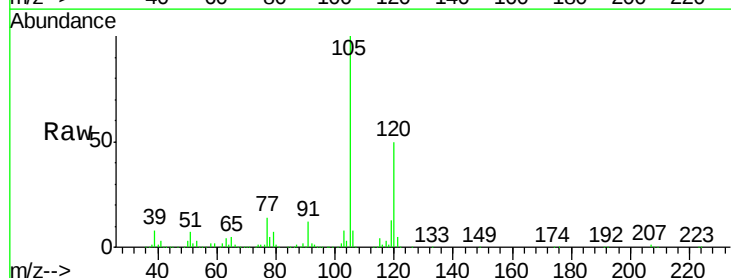
Acq: 16 Jul 2020 14:43

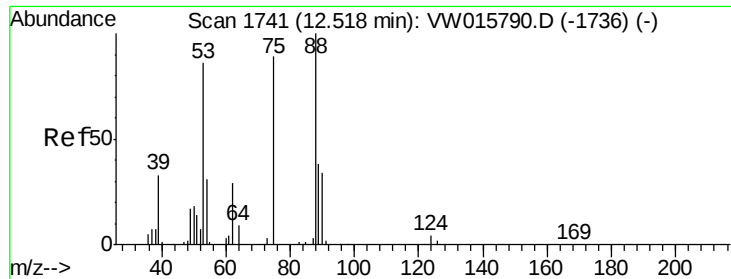
Tgt Ion:105 Resp: 226014

Ion Ratio Lower Upper

105 100

120 49.6 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 20.137 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

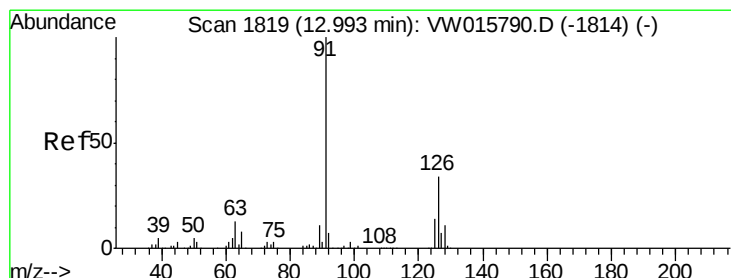
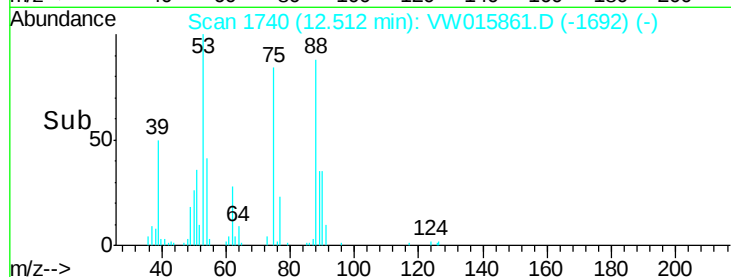
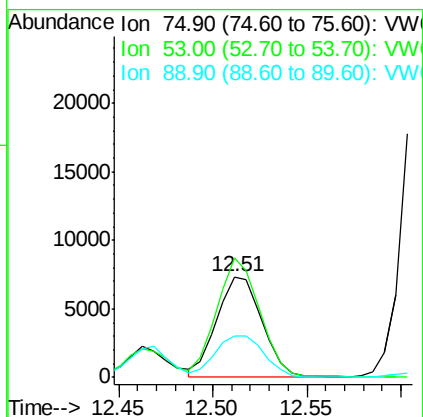
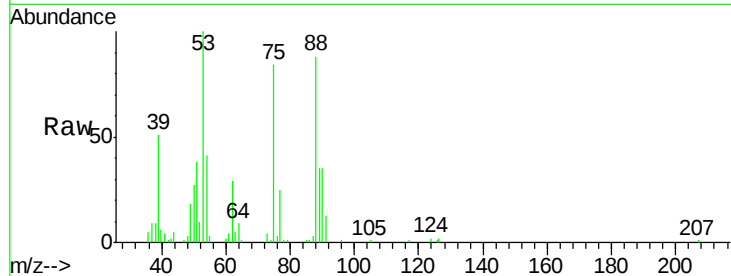
Tot Ion: 75 Resp: 12244

Ion Ratio Lower Upper

75 100

53 113.9 85.9 128.9

89 44.6 36.2 54.4



#82

4-Chlorotoluene

Concen: 21.347 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW015861.D

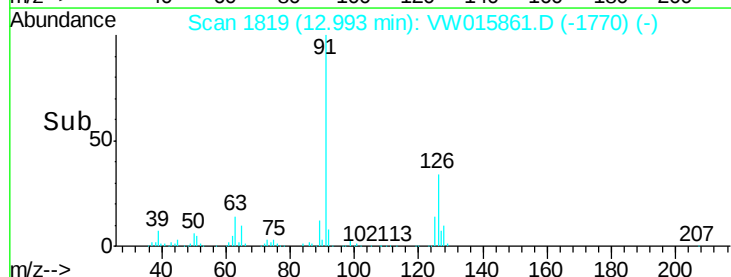
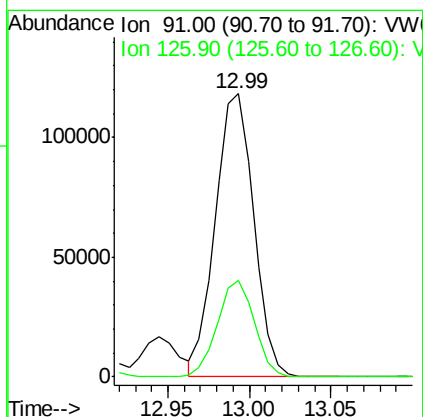
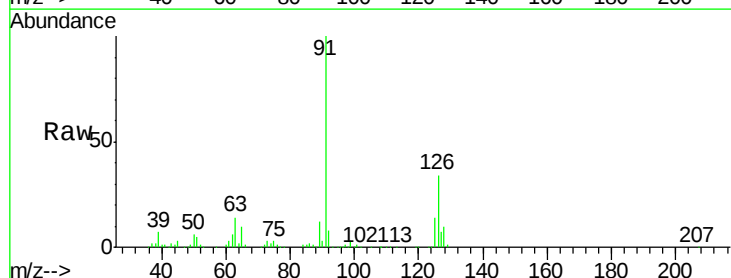
Acq: 16 Jul 2020 14:43

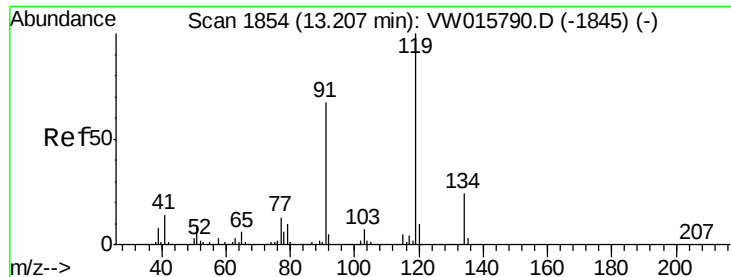
Tgt Ion: 91 Resp: 193596

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9

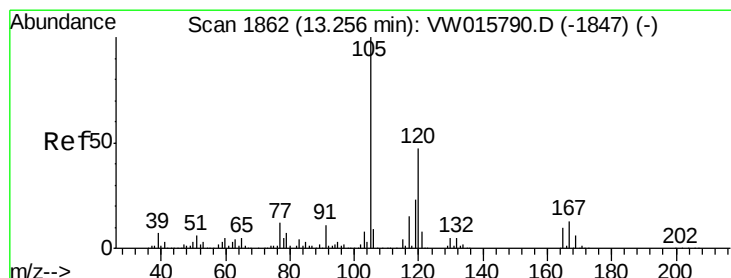
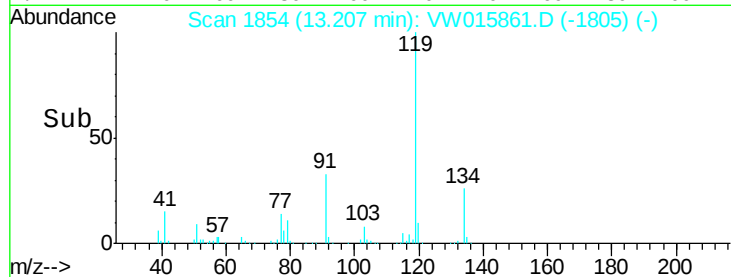
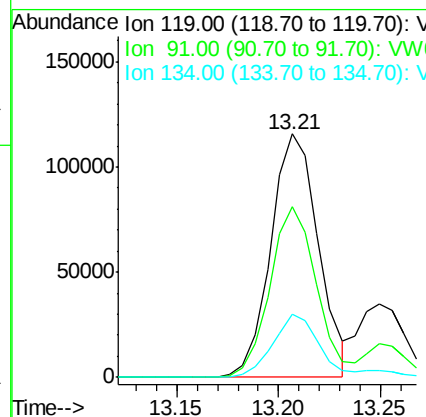
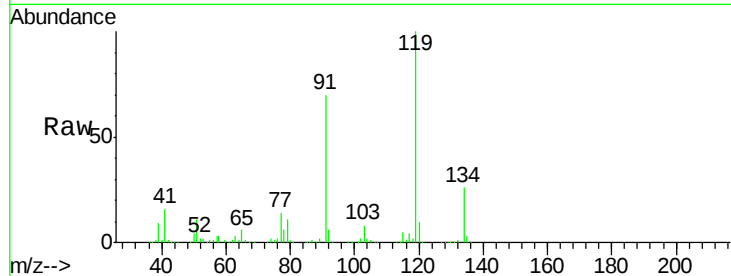




#83
tert-Butylbenzene
Concen: 21.183 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

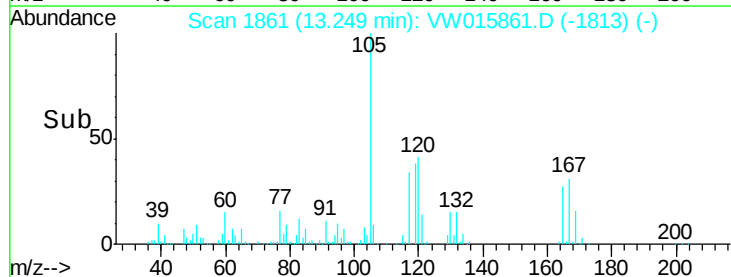
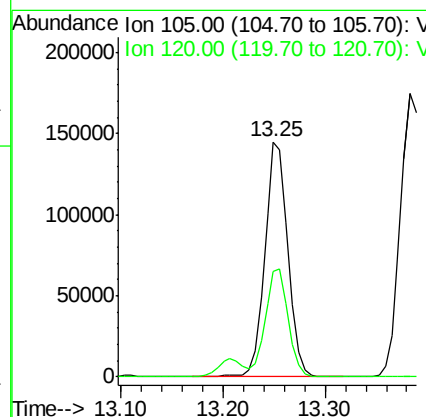
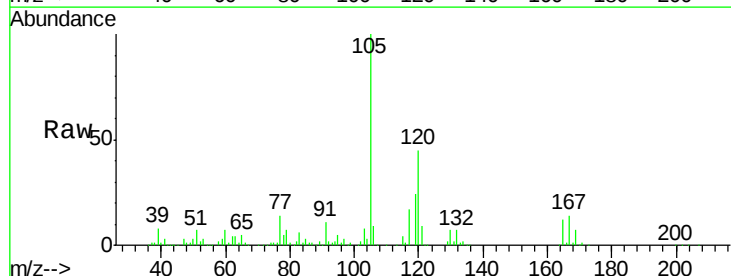
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

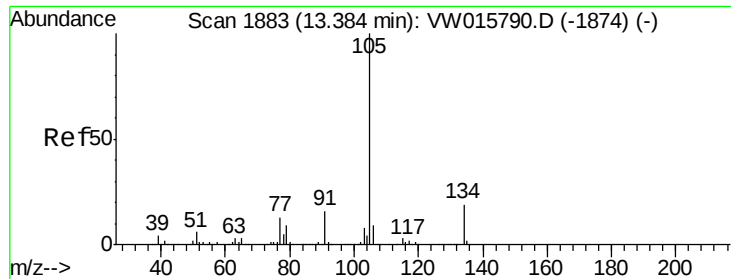
Tot Ion:119 Resp: 188060
Ion Ratio Lower Upper
119 100
91 69.1 34.4 103.3
134 24.9 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 21.230 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion:105 Resp: 226715
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.4





#85

sec-Butylbenzene

Concen: 21.346 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

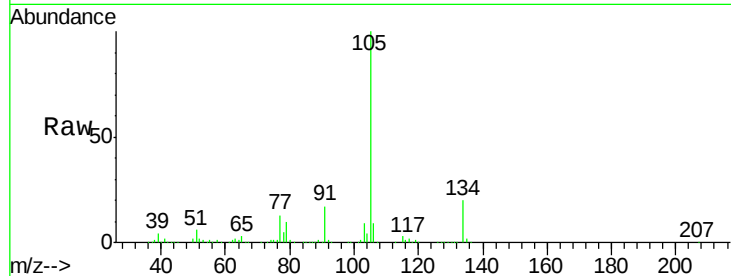
VW0716SBS01

Tot Ion:105 Resp: 273685

Ion Ratio Lower Upper

105 100

134 19.8 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

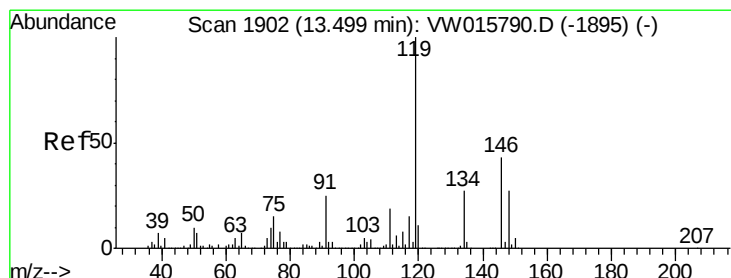
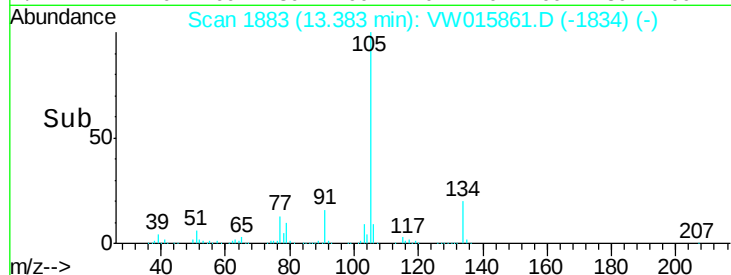
100000

50000

0

13.30 13.40 13.50

Time-->



#86

p-Isopropyltoluene

Concen: 21.327 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

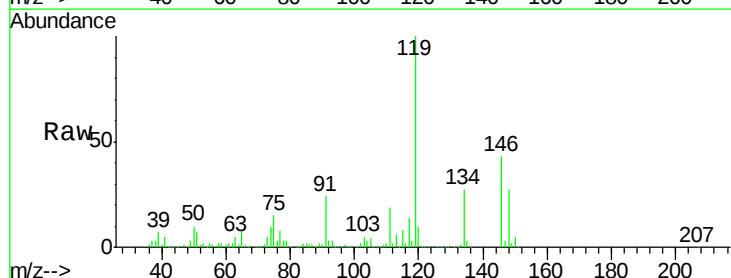
Tgt Ion:119 Resp: 249695

Ion Ratio Lower Upper

119 100

134 25.7 13.2 39.6

91 24.0 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

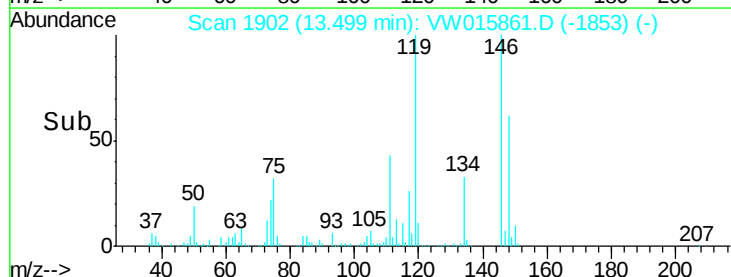
100000

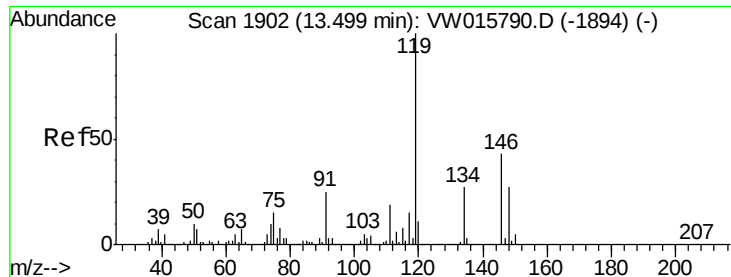
50000

0

13.45 13.50 13.55

Time-->

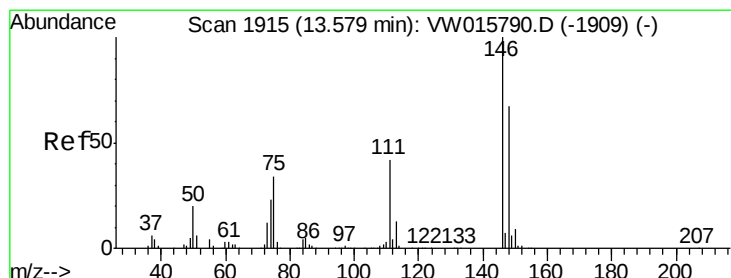
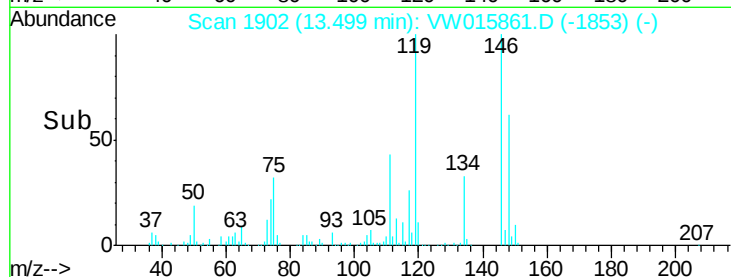
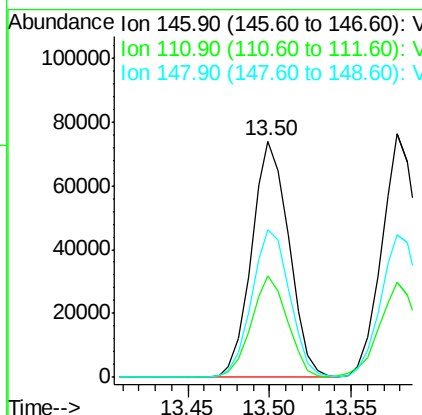
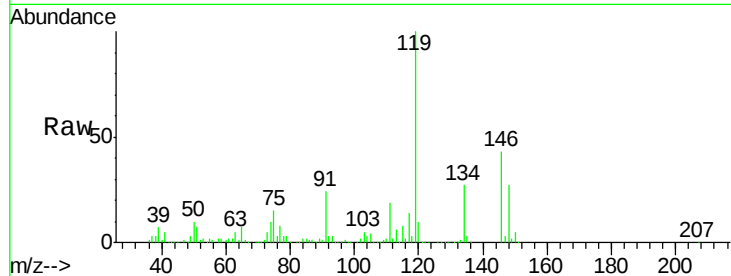




#87
 1,3-Dichlorobenzene
 Concen: 20.812 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

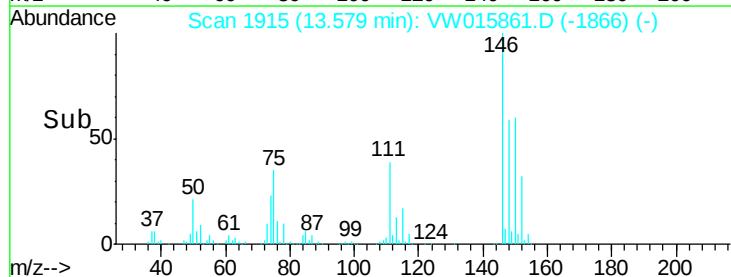
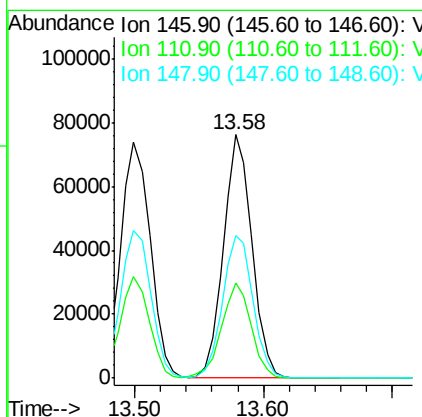
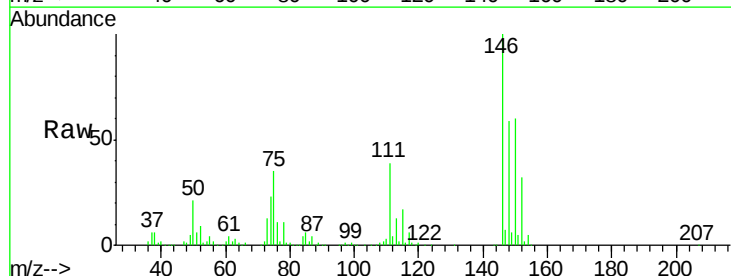
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

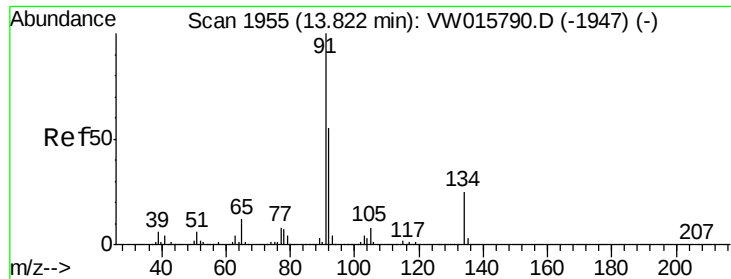
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.8	62.4
148	63.8	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 21.504 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.2	60.6
148	62.2	31.8	95.4

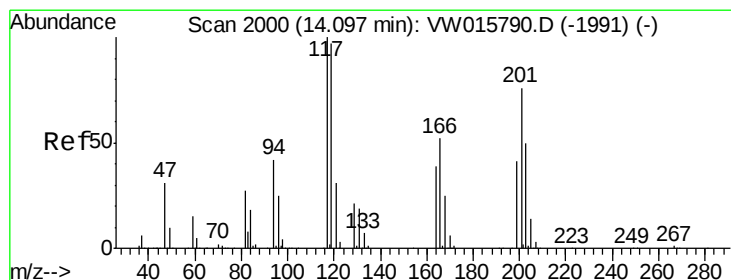
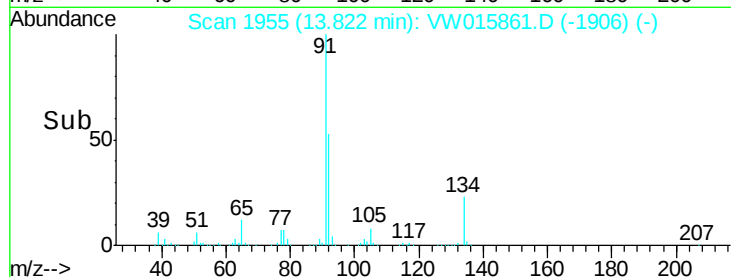
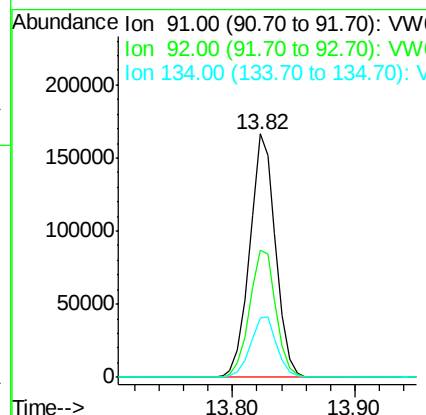
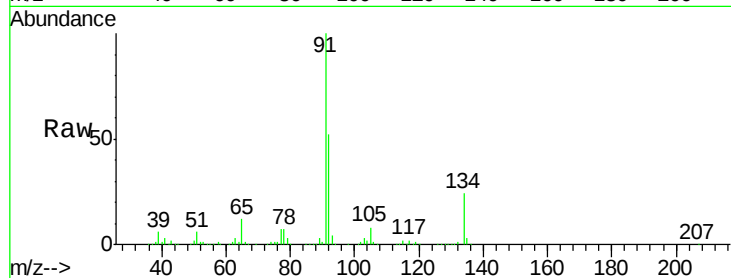




#89
n-Butylbenzene
Concen: 21.656 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

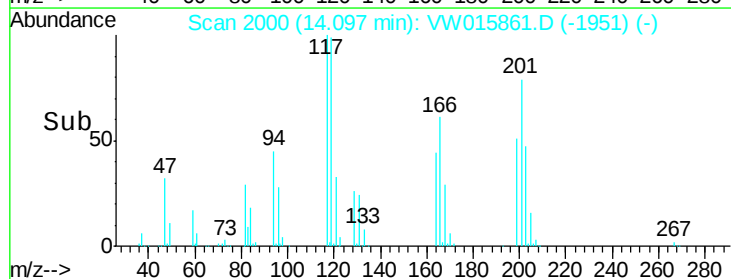
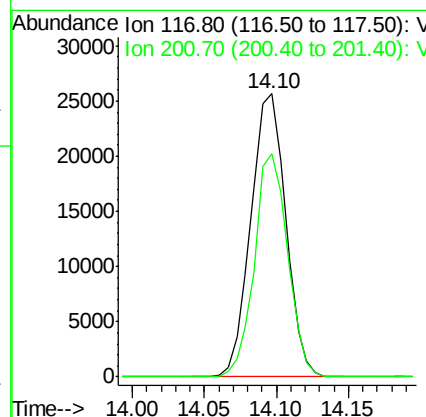
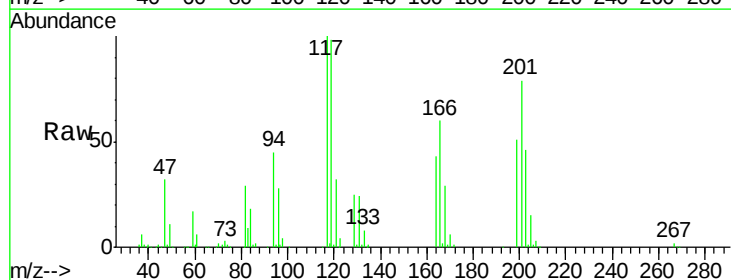
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

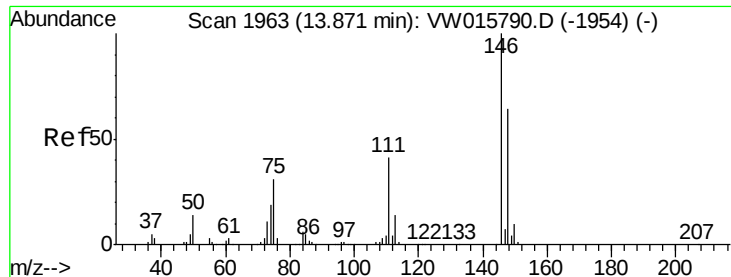
Tot Ion: 91 Resp: 242631
Ion Ratio Lower Upper
91 100
92 53.7 27.2 81.6
134 25.4 12.7 38.1



#90
Hexachloroethane
Concen: 20.278 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 117 Resp: 43032
Ion Ratio Lower Upper
117 100
201 74.8 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 20.905 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

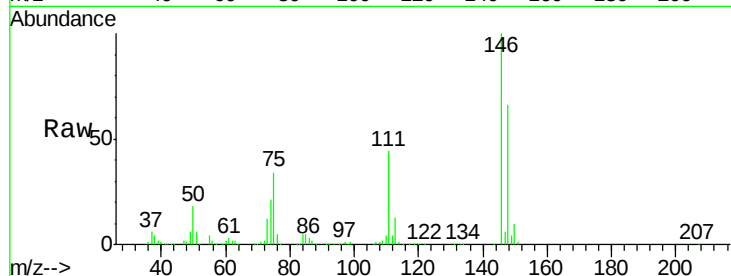
Tot Ion:146 Resp: 102139

Ion Ratio Lower Upper

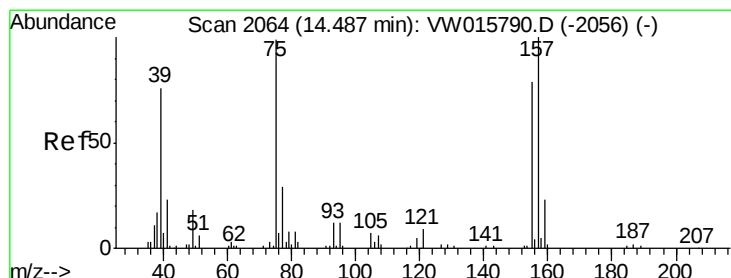
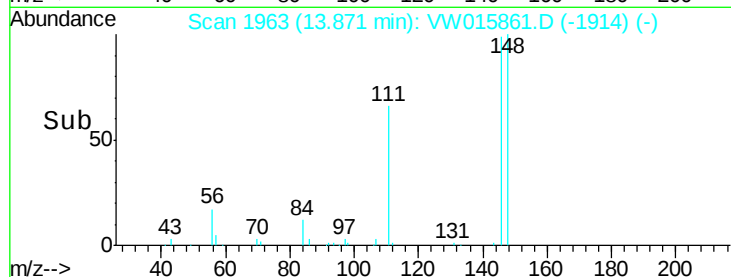
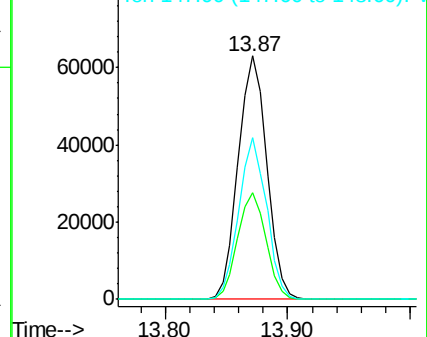
146 100

111 43.5 20.6 61.9

148 64.3 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.538 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

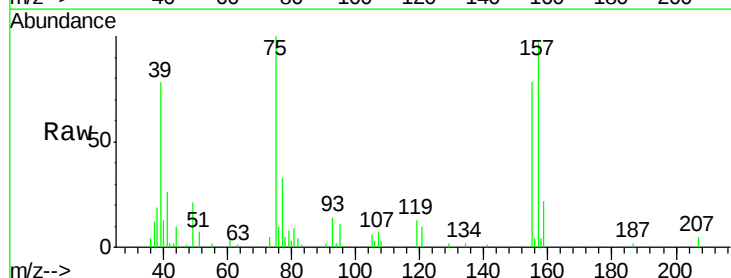
Tgt Ion: 75 Resp: 6841

Ion Ratio Lower Upper

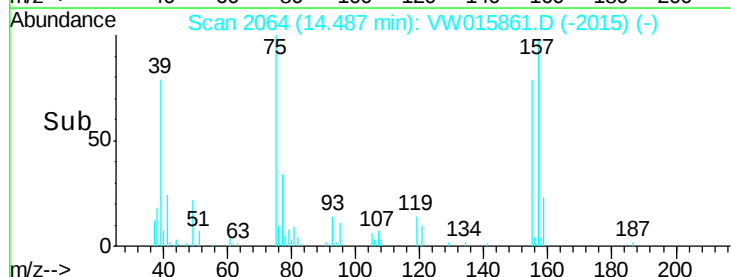
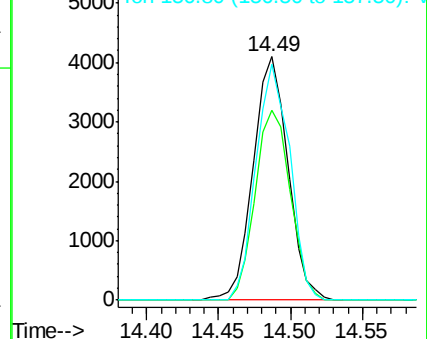
75 100

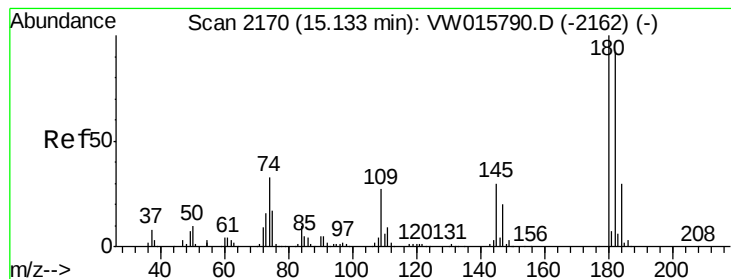
155 78.5 39.1 117.5

157 94.0 49.1 147.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 22.132 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

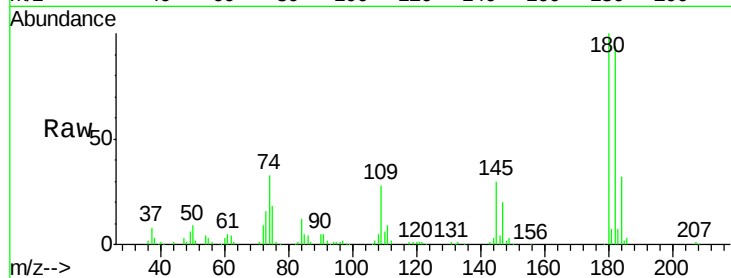
Tot Ion:180 Resp: 68171

Ion Ratio Lower Upper

180 100

182 92.8 46.8 140.3

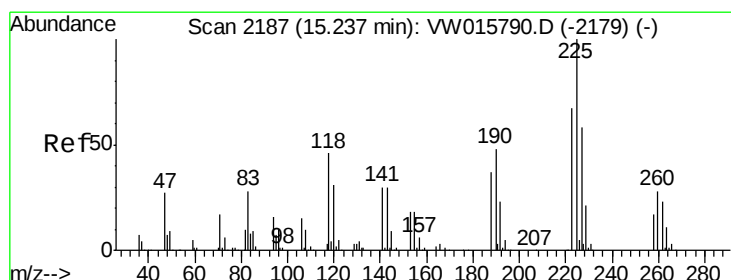
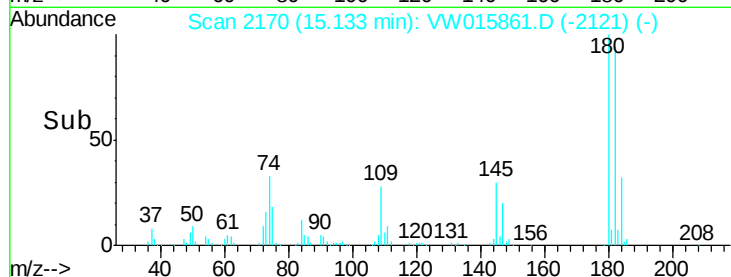
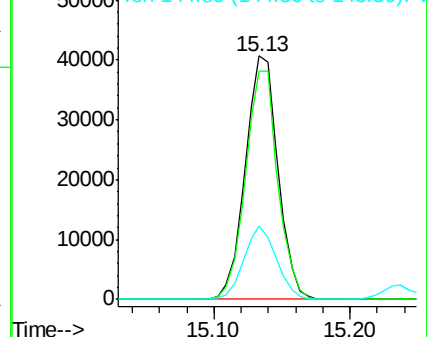
145 29.9 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 21.119 ug/l

RT: 15.24 min Scan# 2187

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

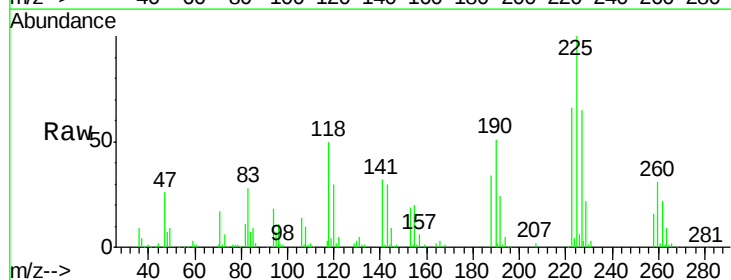
Tgt Ion:225 Resp: 41303

Ion Ratio Lower Upper

225 100

223 66.1 32.4 97.2

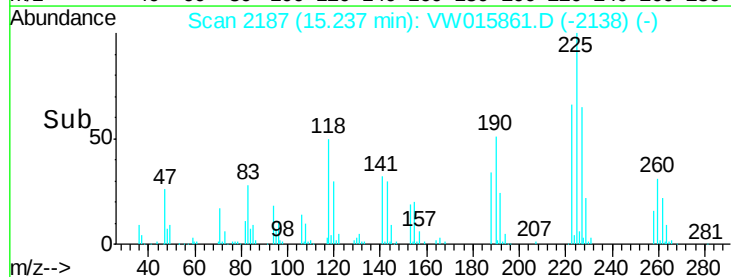
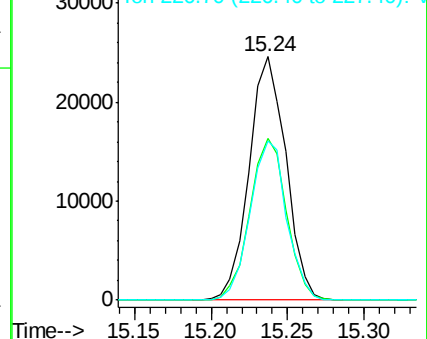
227 64.7 30.7 92.1

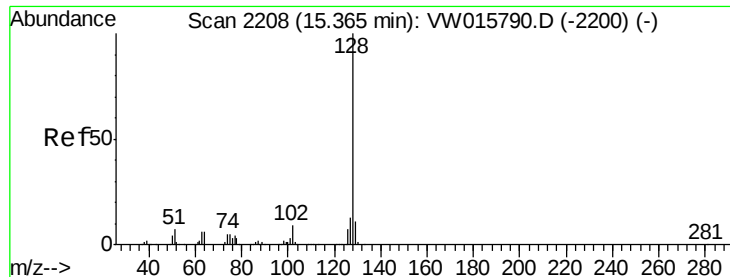


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

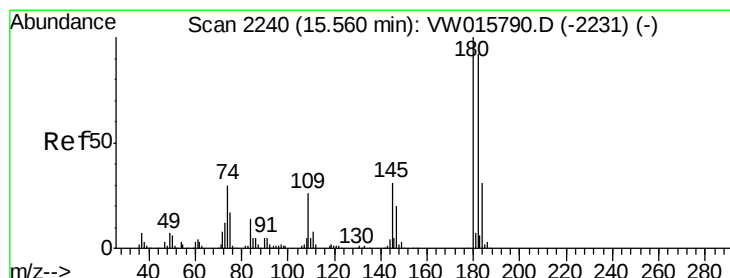
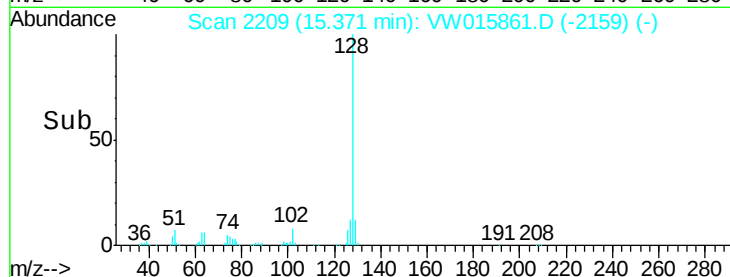
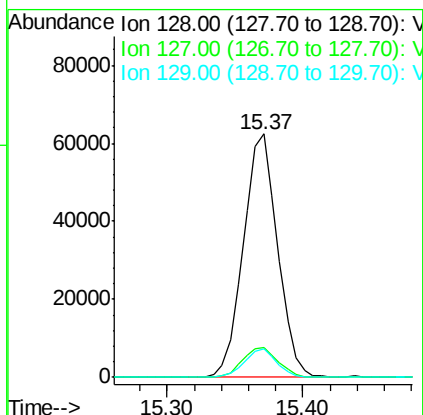
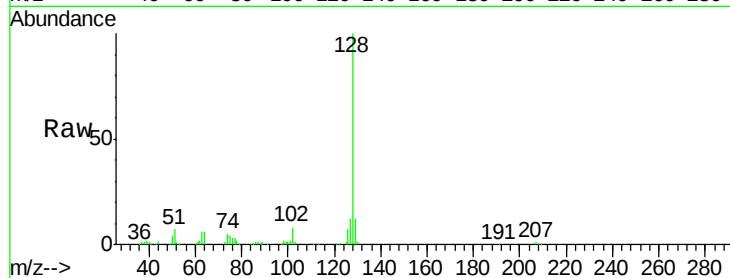




#95
Naphthalene
Concen: 20.821 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Tot Ion:128 Resp: 109796
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.165 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion:180 Resp: 58095
Ion Ratio Lower Upper
180 100
182 93.2 47.7 143.1
145 32.5 16.7 50.0

